

THE  
**Lumberman's Actuary**

BY  
**JOHN W. BARRY.**

*L. H. House*

THE LUMBERMAN'S ACTUARY—5TH EDITION.

SIZE-INDEX.

1909

DIRECTION—Run down column giving the thickness wanted, until opposite the width desired, and note the page. "po F," etc., refers to page opposite at letter "F," etc.

THICK						THICK						All lengths on same page	Exp. on pages x, xi
1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"		
PAGES						PAGES						All lengths on same page	Exp. on pages x, xi
1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"		
282	...	...	...	...	...	1"	...	...	...	...	...	All lengths on same page	Exp. on pages x, xi
336	292	...	...	...	...	1 1/4"	...	...	...	...	...		
336	336	po F	...	...	...	1 1/2"	...	...	...	...	...		
284	286	282	284	...	...	2"	...	...	...	...	...		
328	336	336	337	...	...	2 1/2"	...	...	...	...	...	All lengths on same page	Exp. on pages x, xi
286	292	336	286	292	...	2 1/4"	...	...	...	...	...		
330	336	336	337	336	...	2 3/4"	...	...	...	...	...		
282	294	po G	288	294	306	3"	...	...	...	...	...		
336	po B	336	po J	po N	338	3 1/2"	...	...	...	...	...	All lengths on same page	Exp. on pages x, xi
284	286	288	296	290	298	4"	300	...	...	...	...		
336	po C	336	338	336	338	4 1/2"	306	...	...	...	...		
286	292	294	290	292	294	5"	302	307	...	...	...		
288	294	306	298	294	306	6"	304	311	314	...	...	All lengths on same page	Exp. on pages x, xi
po A	po D	336	308	310	312	7"	308	310	312	...	...		
294	336	336	294	336	338	7 1/2"	311	351	339	...	...		
296	290	298	300	302	304	8"	300	313	316	317	...		
306	po E	po H	306	336	po O	9"	314	339	306	314	...	All lengths on same page	Exp. on pages x, xi
290	292	294	302	307	311	10"	313	307	311	319	321		
298	294	306	304	311	314	12"	316	311	314	316	323		
308	310	312	308	310	312	14"	308	310	312	320	324		
294	292	294	311	337	338	15"	311	307	311	323	311	All lengths on same page	Exp. on pages x, xi
300	302	304	300	313	316	16"	317	319	316	317	319		
306	294	po I	314	337	306	18"	314	311	314	325	311		
302	307	311	313	307	311	20"	319	321	323	319	321		
304	311	314	316	311	314	24"	316	323	325	317	323	All lengths on same page	Exp. on pages x, xi
...	310	312	312	...	...	28"	320	324	326	320	324		
...	...	...	...	...	323	30"	323	...	...	323	...		
...	313	316	...	...	...	32"	...	...	...	...	...		

Sizes	Page	Sizes	Page	Sizes	Page	Sizes	Page	Sizes	Page
1 x 21	312	3 1/2 x 12	312	7 x 7	po AA	7 1/2 x 14	po FF	14 x 18	312
2 x 12 1/2	307	3 1/2 x 16	308	7 x 8	308	7 1/2 x 16	po GG	14 x 20	324
2 1/4 x 4	306	3 1/2 x 18	po S	7 x 9	po BB	8 x 12 1/2	321	14 x 24	326
2 1/2 x 5	po L	3 1/2 x 20	310	7 x 10	310	8 x 21	326	15 x 16	323
2 1/2 x 8	306	4 1/2 x 8	314	7 x 12	312	8 x 25	321	16 x 16	317
2 1/2 x 10	294	4 1/2 x 10	po T	7 x 14	po CC	9 x 10	311	16 x 18	325
2 1/2 x 12	po M	4 1/2 x 12	po U	7 x 16	320	9 x 12	314	16 x 20	319
2 1/2 x 16	314	4 1/2 x 16	314	7 x 18	312	9 x 14	312	16 x 24	316
3 1/4 x 8	po Q	5 1/2 x 8	312	7 x 20	324	9 x 16	325	18 x 18	314
3 1/4 x 12	po R	5 1/2 x 10	po W	7 x 24	326	9 x 20	311	18 x 20	323
3 1/2 x 4	308	5 1/2 x 12	po X	7 x 30	311	9 x 24	314	18 x 24	325
3 1/2 x 6	312	5 1/2 x 16	po Y	7 1/2 x 8	311	14 x 14	po HH	20 x 20	321
3 1/2 x 8	308	6 1/2 x 12	po Z	7 1/2 x 10	po EE	14 x 15	311	20 x 24	323
3 1/2 x 10	310	6 1/2 x 16	321	7 1/2 x 12	311	14 x 16	320	24 x 24	325

For Other Lengths.

LENGTHS					LENGTHS				
7	9	11	13	15	For* Take	32	34	36	38
14+2	18+2	22+2	26+2	30+2	2x16	14+20	2x18	18+20	2x20
42	44	46	48	50	For	52	54	56	58
20+22	2x22	20+26	2x24	24+26	2x26	24+30	2x28	28+30	2x30

\* EXPLANATION—For 40 pieces 2x8, 34, take the sum of 40 pieces 2x8, 14, and 40 pieces, 20; again, for 13-foot stock take half of 26. For 32-foot stock take twice quantity given for 16-foot.



## SIZE-INDEX, 5th Edition—Table A—Equivalents.

For the feet board measure (b. m.) to the foot lineal in every size see page 336. See explanation, page xi.

For No. 1				Read No. 2 on Page				For No. 1				Read No. 2 on Page					
No. 1				No. 2				No. 1				No. 2					
A	1x7"	12'	= 1x6"	14'	288	E	1x9"	12'	= 1x8"	18'	294	F	1x9"	14'	= 1x10	18'	290
	1x7	14	= 81-6 feet				1x9	16	= 1x10				1x9	20	= 5x5	9	307
	1x7	16	= 2x4	14	296		1x9	18	= 1x10	18	290		1x9	22	= 1x8	9	282
	1x7	20	= 1x10	14	290		1x9	20	= 5x5				1x9	24	= 2x8	22	308
	1x22	12	= 2x6	22	298		1x9	22	= 1x8				1x9	26	= 1x10	22	302
B	1x22	14	= 1/2 of 2x14	22	308	G	1x11/2	14	= 2x6 feet			H	1x11/2	16	= 1x8	12	282
	1x22	16	= 2x8	22	302		1x11/2	16	= 1x8				1x11/2	18	= 1x8	9	286
	1x3 1/2	10	= 1x5	7	292		1x11/2	18	= 1x8	18	282		1x11/2	20	= 1x8	18	282
	1x3 1/2	12	= 1x6	7	294		1x11/2	20	= 1x8				1x11/2	22	= 1x8		
	1x3 1/2	14	= 5-48 feet				1x11/2	24	= 1x8				1x11/2	26	= 1x8		
C	1x3 1/2	16	= 1x5	14	286	I	1x11/2	28	= 1x8			J	2x3 1/2	12'	= 1x6"	14'	288
	1x3 1/2	18	= 1x6	9	294		1x11/2	30	= 1x8				2x3 1/2	14	= 81-6 feet		
	1x4 1/2	12	= 1x6	14	286		1x11/2	32	= 1x8				2x3 1/2	16	= 2x4	14	296
	1x4 1/2	14	= 6-16 feet				1x11/2	34	= 1x8				2x3 1/2	20	= 1x10	14	290
	1x4 1/2	16	= 1x5	18	286		1x11/2	36	= 1x8				2x3 1/2	22	= 2x6	22	298
D	1x4 1/2	20	= 1x5	18	292	K	3x9	12'	= 3x6"	18'	306	L	2x11	12	= 2x6	22	298
	1x4 1/2	22	= 1x5	18	292		3x9	14	= 1/2 of 3x14	18	312		2x11	14	= 1/2 of 2x14	22	308
	1x4 1/2	24	= 1x5	14	294		3x9	16	= 3x6				2x11	16	= 2x8	22	300
	1x4 1/2	26	= 1x5	14	294		3x9	18	= 3x6				2x11	20	= 2x10	22	302
	1x4 1/2	28	= 1x5	14	294		3x9	20	= 3x6				2x11	22	= 2x10	22	304
E	1x7	10	= 1x5	18	286	M	3x21	12	= 3x14	18	312	N	3 1/2 x 5	12	= 1x6	18	294
	1x7	12	= 1x6	14	294		3x21	14	= 7-3/4 feet				3 1/2 x 5	14	= 13-1/8 feet		
	1x7	14	= 10-5-24 feet				3x21	16	= 3x14	24	312		3 1/2 x 5	16	= 1x10	18	290
	1x7	16	= 1x10	14	290		3x21	18	= 3x14	30	312		3 1/2 x 5	20	= 5x5	9	307
							3x21	20	= 3x14	26	298		3 1/2 x 5	22	= 2x6	18	306
F	1x7	18	= 1x6	12	282	O	3 1/2 x 8	12	= 2x6	26	306	P	2 1/2 x 12	14	= 1/2 of 3x14	18	312
	1x7	20	= 1x6	12	282		3 1/2 x 8	14	= 30-1/2 feet				2 1/2 x 12	16	= 3x6	24	306
	1x7	22	= 1x6	12	282		3 1/2 x 8	16	= 2x8	26	302		2 1/2 x 12	18	= 3x6	18	312
	1x7	24	= 1x6	12	282		3 1/2 x 8	20	= 2x10	26	306		2 1/2 x 12	20	= 3x10	18	311
	1x7	26	= 1x6	12	282		3 1/2 x 8	22	= 3x6	26	306		2 1/2 x 12	22	= 3x10	14	292
G	1x7	28	= 1x6	12	282	Q	3 1/2 x 12	14	= 45-1/2 feet	26	304	R	2 1/2 x 3 1/2	12	= 1x6	14	294
	1x7	30	= 1x6	12	282		3 1/2 x 12	16	= 2x12	26	304		2 1/2 x 3 1/2	14	= 10-5-24 feet		
	1x7	32	= 1x6	12	282		3 1/2 x 12	18	= 3x10	26	311		2 1/2 x 3 1/2	16	= 1x10	14	296
	1x7	34	= 1x6	12	282		3 1/2 x 12	20	= 3x10	26	311						
	1x7	36	= 1x6	12	282		3 1/2 x 12	22	= 3x10	26	311						
H	1x7	38	= 1x6	12	282	S	7x7"	12'	= 3x14"	14'	312	T	3 1/2 x 18	14	= 7-3/4 feet		
	1x7	40	= 1x6	12	282		7x7	14	= 57-1-6 feet				3 1/2 x 18	16	= 3x14	24	312
	1x7	42	= 1x6	12	282		7x7	16	= 2x14	28	308		3 1/2 x 18	20	= 3x14	30	312
	1x7	44	= 1x6	12	282		7x7	18	= 2 1/2 x 14	28	310		3 1/2 x 18	22	= 1x10	12	326
	1x7	46	= 1x6	12	282		7x7	20	= 3x14	28	312		3 1/2 x 18	24	= 2 1/2 x 14	18	310
I	1x7	48	= 1x6	12	282	U	7x9	12	= 3x14	18	312	V	4 1/2 x 10	12	= 3x10	18	311
	1x7	50	= 1x6	12	282		7x9	14	= 7-3/4 feet				4 1/2 x 10	14	= 2 1/2 x 14	18	310
	1x7	52	= 1x6	12	282		7x9	16	= 3x14	24	312		4 1/2 x 10	16	= 2x12	30	304
	1x7	54	= 1x6	12	282		7x9	18	= 3x14	30	312		4 1/2 x 10	20	= 3x10	30	311
	1x7	56	= 1x6	12	282		7x9	20	= 3x14	12	326		4 1/2 x 10	22	= 6x6	18	314
J	1x7	58	= 1x6	12	282	W	7x14	12	= 12x14	28	312	X	4 1/2 x 12	14	= 3x14	18	312
	1x7	60	= 1x6	12	282		7x14	14	= 11-1/4 feet				4 1/2 x 12	16	= 6x6	24	314
	1x7	62	= 1x6	12	282		7x14	16	= 8x14	14	320		4 1/2 x 12	20	= 6x6	30	314
	1x7	64	= 1x6	12	282		7x14	18	= 10x14	14	324		4 1/2 x 12	22	= 6x8	18	316
	1x7	66	= 1x6	12	282		7x14	20	= 10x14	14	324		4 1/2 x 12	24	= 3x14	24	312
K	1x7	68	= 1x6	12	282	Y	7x14	22	= 12x14	14	326	Z	4 1/2 x 16	12	= 3x14	24	312
	1x7	70	= 1x6	12	282		7x14	24	= 12x14	14	326		4 1/2 x 16	14	= 3x14	24	312
	1x7	72	= 1x6	12	282		7x14	26	= 8x14	28	320		4 1/2 x 16	16	= 6x8	24	316
	1x7	74	= 1x6	12	282		7x14	28	= 8x14	28	320		4 1/2 x 16	20	= 6x8	30	316
	1x7	76	= 1x6	12	282		7x14	30	= 8x14	28	311		4 1/2 x 16	22	= 2 1/2 x 14	18	310
L	1x7	78	= 1x6	12	282	AA	7 1/2 x 8	12	= 3x10	24	311	BB	5 1/2 x 10	12	= 2 1/2 x 14	18	310
	1x7	80	= 1x6	12	282		7 1/2 x 8	14	= 3x10	28	311		5 1/2 x 10	14	= 6 1/4 feet		
	1x7	82	= 1x6	12	282		7 1/2 x 8	16	= 4x10	24	313		5 1/2 x 10	16	= 3x10	28	311
	1x7	84	= 1x6	12	282		7 1/2 x 8	18	= 3x10	30	311		5 1/2 x 10	20	= 3x10	30	311
	1x7	86	= 1x6	12	282		7 1/2 x 8	20	= 3x10	30	311		5 1/2 x 10	22	= 3x10	30	311
M	1x7	88	= 1x6	12	282	CC	7 1/2 x 10	14	= 2 1/2 x 14	30	310	DD	5 1/2 x 12	12	= 3x14	18	306
	1x7	90	= 1x6	12	282		7 1/2 x 10	16	= 4x10	30	313		5 1/2 x 12	14	= 7-3/4 feet		
	1x7	92	= 1x6	12	282		7 1/2 x 10	18	= 4x10	30	313		5 1/2 x 12	16	= 3x14	24	312
	1x7	94	= 1x6	12	282		7 1/2 x 10	20	= 3x14	30	312		5 1/2 x 12	20	= 3x14	30	312
	1x7	96	= 1x6	12	282		7 1/2 x 10	22	= 3x14	30	312		5 1/2 x 12	22	= 3x14	24	312
N	1x7	98	= 1x6	12	282	EE	7 1/2 x 14	12	= 12 1/2 feet			FF	5 1/2 x 16	12	= 3x14	24	312
	1x7	100	= 1x6	12	282		7 1/2 x 14	14	= 10x14	12	324		5 1/2 x 16	14	= 3x14	24	312
	1x7	102	= 1x6	12	282		7 1/2 x 14	16	= 8x10	18	319		5 1/2 x 16	16	= 8x10	12	324
	1x7	104	= 1x6	12	282		7 1/2 x 14	18	= 10x14	12	324		5 1/2 x 16	20	= 10x14	12	324
	1x7	106	= 1x6	12	282		7 1/2 x 14	20	= 8x8	30	317		5 1/2 x 16	22	= 8x8	30	317
O	1x7	108	= 1x6	12	282	GG	14x14	12	= 12x14	14	326	HH	6 1/4 x 12	12	= 3x10	30	311
	1x7	110	= 1x6	12	282		14x14	14	= 22-3/4 feet				6 1/4 x 12	14	= 2 1/2 x 14	30	310
	1x7	112	= 1x6	12	282		14x14	16	= 8x14	28	320		6 1/4 x 12	16	= 2 1/2 x 14	30	310
	1x7	114	= 1x6	12	282		14x14	18	= 8x14	28	324		6 1/4 x 12	20	= 3x10	30	311
	1x7	116	= 1x6	12	282		14x14</										

# Size-Index, 5th Ed.—Table B 500 Additional Sizes.

Equivalents Not Heretofore Indexed.

Size	3'	3½'	4'	4½'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	Page
1 x 6 in	Lengths above is the same as 1 x 3 in lengths double above. See page 282															282
1 x 8	"	"	"	"	"	"	1 x 4	"	"	"	"	"	"	"	"	284
1 x 10	"	"	"	"	"	"	1 x 5	"	"	"	"	"	"	"	"	286
1 x 15	"	"	"	"	"	"	1½ x 6	"	"	"	"	"	"	"	"	294
1½ x 8	"	"	"	"	"	"	1 x 5	"	"	"	"	"	"	"	"	286
1½ x 10	"	"	"	"	"	"	1½ x 5	"	"	"	"	"	"	"	"	292
1½ x 12	"	"	"	"	"	"	1½ x 6	"	"	"	"	"	"	"	"	294
1½ x 4	"	"	"	"	"	"	1 x 3	"	"	"	"	"	"	"	"	282
1½ x 10	"	"	"	"	"	"	1½ x 6	"	"	"	"	"	"	"	"	294
2 x 4	"	"	"	"	"	"	1 x 4	"	"	"	"	"	"	"	"	284
2 x 5	"	"	"	"	"	"	1 x 5	"	"	"	"	"	"	"	"	286
2 x 6	"	"	"	"	"	"	1 x 6	"	"	"	"	"	"	"	"	288
2 x 8	"	"	"	"	"	"	2 x 4	"	"	"	"	"	"	"	"	296
2 x 10	"	"	"	"	"	"	1 x 10	"	"	"	"	"	"	"	"	290
2 x 16	"	"	"	"	"	"	2 x 8	"	"	"	"	"	"	"	"	300
2½ x 4	"	"	"	"	"	"	1 x 5	"	"	"	"	"	"	"	"	286
2½ x 6	"	"	"	"	"	"	1½ x 6	"	"	"	"	"	"	"	"	294
2½ x 20	"	"	"	"	"	"	5 x 5	"	"	"	"	"	"	"	"	307
3 x 5	"	"	"	"	"	"	1½ x 6	"	"	"	"	"	"	"	"	294
3 x 20	"	"	"	"	"	"	3 x 10	"	"	"	"	"	"	"	"	311
3 x 24	"	"	"	"	"	"	6 x 6	"	"	"	"	"	"	"	"	314
3½ x 16	"	"	"	"	"	"	2 x 14	"	"	"	"	"	"	"	"	308
3½ x 20	"	"	"	"	"	"	2½ x 14	"	"	"	"	"	"	"	"	310
4 x 8	"	"	"	"	"	"	2 x 8	"	"	"	"	"	"	"	"	300
4 x 14	"	"	"	"	"	"	2 x 14	"	"	"	"	"	"	"	"	308

Size	3'	3½'	4'	4½'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	Page
4 x 15	Lengths above is the same as 3 x 10 in lengths double above. See page 311															311
4 x 18	"	"	"	"	"	"	6 x 6	"	"	"	"	"	"	"	"	314
4 x 24	"	"	"	"	"	"	6 x 8	"	"	"	"	"	"	"	"	316
4½ x 16	"	"	"	"	"	"	6 x 6	"	"	"	"	"	"	"	"	314
5 x 10	"	"	"	"	"	"	5 x 5	"	"	"	"	"	"	"	"	307
5 x 12	"	"	"	"	"	"	3 x 10	"	"	"	"	"	"	"	"	311
5 x 14	"	"	"	"	"	"	2½ x 14	"	"	"	"	"	"	"	"	310
6 x 10	"	"	"	"	"	"	3 x 10	"	"	"	"	"	"	"	"	311
6 x 12	"	"	"	"	"	"	6 x 6	"	"	"	"	"	"	"	"	314
6 x 14	"	"	"	"	"	"	3 x 14	"	"	"	"	"	"	"	"	312
6 x 16	"	"	"	"	"	"	6 x 8	"	"	"	"	"	"	"	"	316
7 x 8	"	"	"	"	"	"	2 x 14	"	"	"	"	"	"	"	"	308
7 x 10	"	"	"	"	"	"	2½ x 14	"	"	"	"	"	"	"	"	310
7 x 12	"	"	"	"	"	"	3 x 14	"	"	"	"	"	"	"	"	312
8 x 9	"	"	"	"	"	"	6 x 6	"	"	"	"	"	"	"	"	314
8 x 12	"	"	"	"	"	"	6 x 8	"	"	"	"	"	"	"	"	316
8 x 16	"	"	"	"	"	"	8 x 8	"	"	"	"	"	"	"	"	317
8 x 20	"	"	"	"	"	"	8 x 10	"	"	"	"	"	"	"	"	319
10 x 16	"	"	"	"	"	"	8 x 10	"	"	"	"	"	"	"	"	319
10 x 20	"	"	"	"	"	"	10 x 10	"	"	"	"	"	"	"	"	321
10 x 24	"	"	"	"	"	"	10 x 12	"	"	"	"	"	"	"	"	323
12 x 20	"	"	"	"	"	"	10 x 12	"	"	"	"	"	"	"	"	323
12 x 24	"	"	"	"	"	"	12 x 12	"	"	"	"	"	"	"	"	325
14 x 16	"	"	"	"	"	"	8 x 14	"	"	"	"	"	"	"	"	320
14 x 20	"	"	"	"	"	"	10 x 14	"	"	"	"	"	"	"	"	324

Example to show use of above.—For the feet in 46 pieces 1½x10, 4½' long, read 46 pieces 1½x5, 9' long, page 292.

SHINGLES, 85c to \$6 per M, pages 344-369.



## GENERAL INDEX.

A	Page
Abbreviations.....	Inside back cover
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All widths, 2x6 table.....	298
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# Loader's Table. 1x4, 2x2.

LENGTH					Feet in 1 Piece	LENGTH				
4 1½	6 2	8 2½	10 3½	12 4		14 4½	16 5¼	18 6	20 6½	
PIECES					Feet	PIECES				
38 <sup>1</sup>	25	19 <sup>1</sup>	15	10	50	13 <sup>2</sup>	11 <sup>1</sup>	10 <sup>3</sup>	9 <sup>4</sup>	8 <sup>3</sup>
75	50	38 <sup>1</sup>	30	20	100	25	22 <sup>3</sup>	19 <sup>1</sup>	17 <sup>2</sup>	15
150	100	75	60	30	200	50	43 <sup>1</sup>	38 <sup>3</sup>	34 <sup>4</sup>	30
225	150	113 <sup>1</sup>	90	40	300	75	65 <sup>3</sup>	57 <sup>4</sup>	50	45
300	200	150	120	50	400	100	86 <sup>1</sup>	75	67 <sup>2</sup>	60
375	250	188 <sup>1</sup>	150	60	500	125	108 <sup>4</sup>	94 <sup>1</sup>	84 <sup>4</sup>	75
750	500	375	300	100	1000	250	215 <sup>3</sup>	188 <sup>3</sup>	167 <sup>2</sup>	150
1500	1000	750	600	200	2000	500	429 <sup>2</sup>	375	334 <sup>4</sup>	300
2250	1500	1125	900	3000	3000	750	643 <sup>1</sup>	563 <sup>3</sup>	500	450
3000	2000	1500	1200	4000	4000	1000	858 <sup>4</sup>	750	667 <sup>2</sup>	600
3750	2500	1875	1500	5000	5000	1250	1072 <sup>3</sup>	938 <sup>3</sup>	834 <sup>4</sup>	750
4500	3000	2250	1800	6000	6000	1500	1286 <sup>1</sup>	1125	1000	900
5250	3500	2625	2100	7000	7000	1750	1500	1313 <sup>3</sup>	1167 <sup>2</sup>	1050
6000	4000	3000	2400	8000	8000	2000	1715 <sup>3</sup>	1500	1334 <sup>4</sup>	1200
6750	4500	3375	2700	9000	9000	2250	1929 <sup>2</sup>	1688 <sup>3</sup>	1500	1350
7500	5000	3750	3000	10000	10000	2500	2143 <sup>1</sup>	1875	1667 <sup>2</sup>	1500

## 1x6, 1½x4, 2x3.

LENGTH						Feet in 1 Piece	LENGTH					
4 2	6 3	8 4	10 5	12 6	14 7		16 8	18 9	20 10	22 11	24 12	
PIECES						Feet	PIECES					
25	17 <sup>1</sup>	13 <sup>2</sup>	10	9 <sup>4</sup>	50	8 <sup>6</sup>	7 <sup>6</sup>	6 <sup>4</sup>	5	5 <sup>5</sup>	5 <sup>10</sup>	
50	34 <sup>2</sup>	25	20	17 <sup>2</sup>	100	15 <sup>5</sup>	13 <sup>4</sup>	12 <sup>3</sup>	10	10 <sup>10</sup>	9 <sup>8</sup>	
100	67 <sup>1</sup>	50	40	34 <sup>4</sup>	200	29 <sup>3</sup>	25	23 <sup>7</sup>	20	19 <sup>9</sup>	17 <sup>4</sup>	
150	100	75	60	50	300	43 <sup>1</sup>	38 <sup>4</sup>	34 <sup>6</sup>	30	28 <sup>8</sup>	25	
200	134 <sup>2</sup>	100	80	67 <sup>2</sup>	400	58 <sup>6</sup>	50	45 <sup>5</sup>	40	37 <sup>7</sup>	34 <sup>3</sup>	
250	167 <sup>1</sup>	125	100	84 <sup>4</sup>	500	72 <sup>4</sup>	63 <sup>4</sup>	56 <sup>4</sup>	50	46 <sup>6</sup>	42 <sup>4</sup>	
500	334 <sup>2</sup>	250	200	167 <sup>2</sup>	1000	143 <sup>1</sup>	125	112 <sup>8</sup>	100	91 <sup>1</sup>	84 <sup>3</sup>	
1000	667 <sup>1</sup>	500	400	334 <sup>4</sup>	2000	286 <sup>2</sup>	250	223 <sup>7</sup>	200	182 <sup>2</sup>	167 <sup>4</sup>	
1500	1000	750	600	500	3000	429 <sup>3</sup>	375	334 <sup>6</sup>	300	273 <sup>3</sup>	250	
2000	1334 <sup>2</sup>	1000	800	667 <sup>2</sup>	4000	572 <sup>4</sup>	500	445 <sup>5</sup>	400	364 <sup>4</sup>	334 <sup>8</sup>	
2500	1667 <sup>1</sup>	1250	1000	834 <sup>4</sup>	5000	715 <sup>5</sup>	625	556 <sup>4</sup>	500	455 <sup>5</sup>	417 <sup>4</sup>	
3000	2000	1500	1200	1000	6000	858 <sup>6</sup>	750	667 <sup>3</sup>	600	546 <sup>6</sup>	500	
3500	2333 <sup>2</sup>	1750	1400	1167 <sup>2</sup>	7000	1000	875	778 <sup>2</sup>	700	637 <sup>7</sup>	584 <sup>3</sup>	
4000	2667 <sup>1</sup>	2000	1600	1334 <sup>4</sup>	8000	1143 <sup>1</sup>	1000	889 <sup>1</sup>	800	728 <sup>8</sup>	667 <sup>4</sup>	
4500	3000	2250	1800	1500	9000	1286 <sup>2</sup>	1125	1000	900	819 <sup>9</sup>	750	
5000	3334 <sup>2</sup>	2500	2000	1667 <sup>2</sup>	10000	1429 <sup>3</sup>	1250	1112 <sup>8</sup>	1000	910 <sup>10</sup>	834 <sup>3</sup>	

## 1x8, 2x4,

LENGTH						Feet in 1 Piece	LENGTH					
4 2½	6 4	8 5½	10 6½	12 8	14 9		16 10½	18 12	20 13½	22 14½	24 16	
PIECES						Feet	PIECES					
19 <sup>1</sup>	13 <sup>2</sup>	10 <sup>3</sup>	8 <sup>3</sup>	7 <sup>6</sup>	50	6 <sup>6</sup>	5 <sup>3</sup>	5 <sup>10</sup>	4 <sup>3</sup>	4 <sup>9</sup>	4 <sup>14</sup>	
38 <sup>1</sup>	25	19 <sup>1</sup>	15	13 <sup>4</sup>	100	11 <sup>3</sup>	10 <sup>7</sup>	9 <sup>8</sup>	8 <sup>7</sup>	7 <sup>3</sup>	7 <sup>12</sup>	
75	50	39 <sup>8</sup>	30	25	200	22 <sup>5</sup>	19 <sup>3</sup>	17 <sup>4</sup>	15	14 <sup>5</sup>	13 <sup>8</sup>	
113 <sup>1</sup>	75	57 <sup>4</sup>	45	38 <sup>4</sup>	300	33 <sup>4</sup>	29 <sup>9</sup>	25	23 <sup>7</sup>	21 <sup>3</sup>	19 <sup>4</sup>	
150	100	75	60	50	400	43 <sup>1</sup>	38 <sup>5</sup>	34 <sup>8</sup>	30	28 <sup>11</sup>	25	
188 <sup>1</sup>	125	94 <sup>1</sup>	75	63 <sup>4</sup>	500	54 <sup>4</sup>	47 <sup>1</sup>	42 <sup>4</sup>	38 <sup>7</sup>	35 <sup>13</sup>	32 <sup>12</sup>	
375	250	188 <sup>3</sup>	150	125	1000	108 <sup>8</sup>	94 <sup>3</sup>	84 <sup>8</sup>	75	69 <sup>12</sup>	63 <sup>8</sup>	
750	500	375	300	250	2000	215 <sup>7</sup>	188 <sup>5</sup>	167 <sup>4</sup>	150	137 <sup>9</sup>	125	
1125	750	563 <sup>3</sup>	450	375	3000	322 <sup>5</sup>	282 <sup>3</sup>	250	225	205 <sup>7</sup>	188 <sup>8</sup>	
1500	1000	750	600	500	4000	429 <sup>4</sup>	375	334 <sup>8</sup>	300	273 <sup>4</sup>	250	
1875	1250	938 <sup>3</sup>	750	625	5000	536 <sup>5</sup>	469 <sup>3</sup>	417 <sup>4</sup>	375	341 <sup>1</sup>	313 <sup>8</sup>	
2250	1500	1125	900	750	6000	643 <sup>1</sup>	563 <sup>3</sup>	500	450	410 <sup>13</sup>	375	
2625	1750	1313 <sup>3</sup>	1050	875	7000	750	657 <sup>3</sup>	584 <sup>8</sup>	525	468 <sup>14</sup>	438 <sup>3</sup>	
3000	2000	1500	1200	1000	8000	858 <sup>8</sup>	750	667 <sup>4</sup>	600	546 <sup>8</sup>	500	
3375	2250	1688 <sup>3</sup>	1350	1125	9000	965 <sup>7</sup>	844 <sup>3</sup>	750	675	614 <sup>5</sup>	563 <sup>8</sup>	
3750	2500	1875	1500	1250	10000	1072 <sup>5</sup>	938 <sup>5</sup>	834 <sup>8</sup>	750	682 <sup>3</sup>	625	



# Loader's Table.

1x10, 1½x8, 2x5, or 2½x4.

LENGTH					Feet in 1 Piece	LENGTH					
4	6	8	10	12		14	16	18	20	22	24
3½	5	6¾	8½	10		11¾	13¾	15	16¾	18¾	20
PIECES					Feet	PIECES					
15	10	8 <sup>3</sup>	6	5	50	5 <sup>8</sup>	4 <sup>3</sup>	4 <sup>10</sup>	3	3 <sup>5</sup>	3 <sup>10</sup>
30	20	15	12	10	100	9 <sup>5</sup>	8 <sup>7</sup>	7 <sup>5</sup>	6	6 <sup>10</sup>	5
60	40	30	24	20	200	18 <sup>10</sup>	15	14 <sup>10</sup>	12	11 <sup>2</sup>	10
90	60	45	36	30	300	26 <sup>3</sup>	23 <sup>7</sup>	20	18	17 <sup>12</sup>	15
120	80	60	48	40	400	35 <sup>8</sup>	30	27 <sup>5</sup>	24	22 <sup>3</sup>	20
150	100	75	60	50	500	43 <sup>2</sup>	38 <sup>7</sup>	34 <sup>10</sup>	30	28 <sup>3</sup>	25
300	200	150	120	100	1000	86 <sup>3</sup>	75	67 <sup>5</sup>	60	55 <sup>8</sup>	50
600	400	300	240	200	2000	172 <sup>7</sup>	150	134 <sup>10</sup>	120	110 <sup>17</sup>	100
900	600	450	360	300	3000	258 <sup>19</sup>	225	200	180	164 <sup>7</sup>	150
1200	800	600	480	400	4000	343 <sup>2</sup>	300	267 <sup>5</sup>	240	219 <sup>15</sup>	200
1500	1000	750	600	500	5000	429 <sup>5</sup>	375	334 <sup>10</sup>	300	273 <sup>5</sup>	250
1800	1200	900	720	600	6000	515 <sup>8</sup>	450	400	360	328 <sup>15</sup>	300
2100	1400	1050	840	700	7000	600	525	467 <sup>5</sup>	420	382 <sup>3</sup>	350
2400	1600	1200	960	800	8000	686 <sup>3</sup>	600	534 <sup>10</sup>	480	437 <sup>12</sup>	400
2700	1800	1350	1080	900	9000	772 <sup>7</sup>	675	600	540	491 <sup>2</sup>	450
3000	2000	1500	1200	1000	10000	858 <sup>10</sup>	750	667 <sup>5</sup>	600	546 <sup>10</sup>	500

1x12, 2x6, 1½x8, 3x4.

LENGTH					Feet in 1 Piece	LENGTH					
4	6	8	10	12		14	16	18	20	22	24
4	6	8	10	12		14	16	18	20	22	24
PIECES					Feet	PIECES					
13 <sup>2</sup>	9 <sup>1</sup>	7 <sup>6</sup>	5	5 <sup>10</sup>	50	4 <sup>6</sup>	4 <sup>14</sup>	3 <sup>4</sup>	3 <sup>10</sup>	3 <sup>16</sup>	3 <sup>22</sup>
25	17 <sup>2</sup>	13 <sup>4</sup>	10	9 <sup>8</sup>	100	8 <sup>12</sup>	7 <sup>12</sup>	6 <sup>8</sup>	5	5 <sup>10</sup>	5 <sup>20</sup>
50	34 <sup>4</sup>	25	20	17 <sup>4</sup>	200	15 <sup>10</sup>	13 <sup>8</sup>	12 <sup>16</sup>	10	10 <sup>20</sup>	9 <sup>16</sup>
75	50	38 <sup>4</sup>	30	25	300	22 <sup>8</sup>	19 <sup>4</sup>	17 <sup>6</sup>	15	14 <sup>8</sup>	13 <sup>12</sup>
100	67 <sup>2</sup>	50	40	34 <sup>8</sup>	400	29 <sup>6</sup>	25	23 <sup>14</sup>	20	19 <sup>18</sup>	17 <sup>8</sup>
125	84 <sup>4</sup>	63 <sup>4</sup>	50	42 <sup>4</sup>	500	36 <sup>4</sup>	32 <sup>12</sup>	28 <sup>4</sup>	25	23 <sup>6</sup>	21 <sup>4</sup>
250	167 <sup>2</sup>	125	100	84 <sup>8</sup>	1000	72 <sup>8</sup>	63 <sup>8</sup>	56 <sup>8</sup>	50	46 <sup>12</sup>	42 <sup>8</sup>
500	334 <sup>4</sup>	250	200	167 <sup>4</sup>	2000	143 <sup>2</sup>	125	112 <sup>16</sup>	100	91 <sup>2</sup>	84 <sup>16</sup>
750	500	375	300	250	3000	215 <sup>10</sup>	188 <sup>8</sup>	167 <sup>6</sup>	150	137 <sup>14</sup>	125
1000	667 <sup>2</sup>	500	400	334 <sup>8</sup>	4000	286 <sup>4</sup>	250	223 <sup>14</sup>	200	182 <sup>4</sup>	167 <sup>8</sup>
1250	834 <sup>4</sup>	625	500	417 <sup>4</sup>	5000	358 <sup>12</sup>	313 <sup>8</sup>	278 <sup>4</sup>	250	228 <sup>16</sup>	209 <sup>16</sup>
1500	1000	750	600	500	6000	429 <sup>6</sup>	375	334 <sup>12</sup>	300	273 <sup>6</sup>	250
1750	1167 <sup>2</sup>	875	700	584 <sup>8</sup>	7000	500	438 <sup>8</sup>	389 <sup>2</sup>	350	319 <sup>18</sup>	292 <sup>8</sup>
2000	1334 <sup>4</sup>	1000	800	667 <sup>4</sup>	8000	572 <sup>8</sup>	500	445 <sup>10</sup>	400	364 <sup>8</sup>	334 <sup>16</sup>
2250	1500	1125	900	750	9000	643 <sup>2</sup>	563 <sup>8</sup>	500	450	410 <sup>20</sup>	375
2500	1667 <sup>2</sup>	1250	1000	834 <sup>8</sup>	10000	715 <sup>10</sup>	625	556 <sup>8</sup>	500	455 <sup>10</sup>	417 <sup>8</sup>

## EXPLANATION.

The Loader's Tables contemplate loading the full thousand feet, taking the nearest number of whole pieces that will make it without a whole piece over. A customer ordering 3000 feet of 1x8 16 would receive 282 pieces, making 3008 feet, with which he would be charged instead of with the even 3000. The quantity over is indicated by the small figures to the right of the number of pieces. How many 12 inch boards 12 foot for 5000 feet? Run down the 12 foot column in 2x6 table until opposite 5000 in the center and read 417, making 5004, the 4 feet over being indicated by the figure to the right.

**ALL WIDTHS BOARDS.** To get the feet of line use 2x6 table. How many feet of line for 1000 feet 14 boards? Run down 14 foot column until opposite 1000 and read 72, which will make 1008 feet as indicated.

**BATTENS AND MOULDING.** How many 16 foot bats for 7000 feet? Run down 16 foot column (2x6 table) until opposite 7000 and read 438 pieces, which make 7008 feet, the 8 feet over being indicated by the small figure to the right.

# Loader's Table.

2x8, 4x4, 1x10.

LENGTH					Feet in 1 Piece	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
13 $\frac{3}{8}$	16	18 $\frac{5}{8}$	21 $\frac{1}{8}$	24		26 $\frac{3}{8}$	29 $\frac{1}{8}$	32	34 $\frac{3}{8}$	37 $\frac{1}{8}$	40
PIECES					Feet	PIECES					
4 <sup>3</sup>	4 <sup>14</sup>	3 <sup>6</sup>	3 <sup>14</sup>	3 <sup>22</sup>	50	2 <sup>3</sup>	2 <sup>9</sup>	2 <sup>14</sup>	2 <sup>19</sup>	2 <sup>25</sup>	2 <sup>30</sup>
8 <sup>7</sup>	7 <sup>12</sup>	6 <sup>12</sup>	5 <sup>7</sup>	5 <sup>20</sup>	100	4 <sup>7</sup>	4 <sup>17</sup>	4 <sup>28</sup>	3 <sup>4</sup>	3 <sup>12</sup>	3 <sup>20</sup>
15	13 <sup>8</sup>	11 <sup>5</sup>	10 <sup>13</sup>	9 <sup>16</sup>	200	8 <sup>13</sup>	7 <sup>5</sup>	7 <sup>24</sup>	6 <sup>8</sup>	6 <sup>24</sup>	5
23 <sup>7</sup>	19 <sup>4</sup>	17 <sup>17</sup>	15 <sup>20</sup>	13 <sup>12</sup>	300	12 <sup>20</sup>	11 <sup>23</sup>	10 <sup>20</sup>	9 <sup>12</sup>	9 <sup>36</sup>	8 <sup>20</sup>
30	25	22 <sup>11</sup>	19 <sup>5</sup>	17 <sup>8</sup>	400	15	14 <sup>11</sup>	13 <sup>16</sup>	12 <sup>16</sup>	11 <sup>11</sup>	10
38 <sup>7</sup>	32 <sup>12</sup>	27 <sup>4</sup>	24 <sup>12</sup>	21 <sup>4</sup>	500	19 <sup>7</sup>	18 <sup>28</sup>	16 <sup>12</sup>	15 <sup>20</sup>	14 <sup>23</sup>	13 <sup>20</sup>
75	63 <sup>8</sup>	54 <sup>8</sup>	47 <sup>3</sup>	42 <sup>8</sup>	1000	38 <sup>13</sup>	35 <sup>27</sup>	32 <sup>24</sup>	29 <sup>5</sup>	27 <sup>8</sup>	25
150	125	108 <sup>16</sup>	94 <sup>5</sup>	84 <sup>16</sup>	2000	75	69 <sup>24</sup>	63 <sup>16</sup>	58 <sup>11</sup>	54 <sup>16</sup>	50
225	188 <sup>8</sup>	161 <sup>5</sup>	141 <sup>8</sup>	125	3000	113 <sup>13</sup>	103 <sup>21</sup>	94 <sup>8</sup>	87 <sup>16</sup>	81 <sup>24</sup>	75
300	250	215 <sup>13</sup>	188 <sup>11</sup>	167 <sup>8</sup>	4000	150	137 <sup>19</sup>	125	116 <sup>21</sup>	108 <sup>32</sup>	100
375	313 <sup>8</sup>	268 <sup>3</sup>	235 <sup>13</sup>	209 <sup>16</sup>	5000	188 <sup>13</sup>	171 <sup>16</sup>	157 <sup>24</sup>	145 <sup>27</sup>	134 <sup>3</sup>	125
450	375	322 <sup>11</sup>	282 <sup>16</sup>	250	6000	225	205 <sup>13</sup>	188 <sup>16</sup>	174 <sup>32</sup>	161 <sup>11</sup>	150
525	438 <sup>8</sup>	375	329 <sup>19</sup>	292 <sup>8</sup>	7000	263 <sup>13</sup>	239 <sup>11</sup>	219 <sup>8</sup>	202 <sup>3</sup>	188 <sup>19</sup>	175
600	500	429 <sup>8</sup>	375	334 <sup>16</sup>	8000	300	273 <sup>8</sup>	250	231 <sup>8</sup>	215 <sup>27</sup>	200
675	563 <sup>8</sup>	485 <sup>16</sup>	422 <sup>3</sup>	375	9000	338 <sup>13</sup>	307 <sup>5</sup>	282 <sup>24</sup>	260 <sup>13</sup>	242 <sup>35</sup>	225
750	625	536 <sup>5</sup>	469 <sup>5</sup>	417 <sup>8</sup>	10000	375	341 <sup>3</sup>	313 <sup>16</sup>	289 <sup>19</sup>	268 <sup>5</sup>	250

2x10, 2½x8, 4x5, 1x20, or 1½x16.

LENGTH					Feet in 1 Piece	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
16 $\frac{2}{3}$	20	23 $\frac{1}{3}$	26 $\frac{2}{3}$	30		33 $\frac{1}{3}$	36 $\frac{2}{3}$	40	43 $\frac{1}{3}$	46 $\frac{2}{3}$	50
PIECES					Feet	PIECES					
3	3 <sup>10</sup>	3 <sup>20</sup>	2 <sup>3</sup>	2 <sup>10</sup>	50	2 <sup>17</sup>	2 <sup>23</sup>	2 <sup>30</sup>	2 <sup>37</sup>	2 <sup>43</sup>	1
6	5	5 <sup>17</sup>	4 <sup>7</sup>	4 <sup>20</sup>	100	3	3 <sup>10</sup>	3 <sup>20</sup>	3 <sup>30</sup>	3 <sup>40</sup>	2
12	10	9 <sup>10</sup>	8 <sup>13</sup>	7 <sup>10</sup>	200	6	6 <sup>20</sup>	5	5 <sup>17</sup>	5 <sup>33</sup>	4
18	15	13 <sup>3</sup>	12 <sup>20</sup>	10	300	9	9 <sup>30</sup>	8 <sup>20</sup>	7 <sup>3</sup>	7 <sup>27</sup>	6
24	20	18 <sup>20</sup>	15	14 <sup>20</sup>	400	12	11 <sup>3</sup>	10	10 <sup>33</sup>	9 <sup>20</sup>	8
30	25	22 <sup>13</sup>	19 <sup>7</sup>	17 <sup>10</sup>	500	15	14 <sup>13</sup>	13 <sup>20</sup>	12 <sup>20</sup>	11 <sup>13</sup>	10
60	50	43 <sup>3</sup>	38 <sup>13</sup>	34 <sup>20</sup>	1000	30	28 <sup>27</sup>	25	24 <sup>40</sup>	22 <sup>27</sup>	20
120	100	86 <sup>7</sup>	75	67 <sup>10</sup>	2000	60	55 <sup>17</sup>	50	47 <sup>37</sup>	43 <sup>7</sup>	40
180	150	129 <sup>10</sup>	113 <sup>13</sup>	100	3000	90	82 <sup>7</sup>	75	70 <sup>33</sup>	65 <sup>33</sup>	60
240	200	172 <sup>13</sup>	150	134 <sup>20</sup>	4000	120	110 <sup>33</sup>	100	93 <sup>30</sup>	86 <sup>13</sup>	80
300	250	215 <sup>17</sup>	188 <sup>13</sup>	167 <sup>10</sup>	5000	150	137 <sup>23</sup>	125	116 <sup>27</sup>	108 <sup>40</sup>	100
360	300	258 <sup>20</sup>	225	200	6000	180	164 <sup>13</sup>	150	139 <sup>23</sup>	129 <sup>20</sup>	120
420	350	300	263 <sup>13</sup>	234 <sup>20</sup>	7000	210	191 <sup>3</sup>	175	162 <sup>20</sup>	150	140
480	400	343 <sup>3</sup>	300	267 <sup>10</sup>	8000	240	219 <sup>30</sup>	200	185 <sup>17</sup>	172 <sup>27</sup>	160
540	450	386 <sup>7</sup>	338 <sup>13</sup>	300	9000	270	246 <sup>20</sup>	225	208 <sup>13</sup>	193 <sup>7</sup>	180
600	500	429 <sup>10</sup>	375	334 <sup>20</sup>	10000	300	273 <sup>10</sup>	250	231 <sup>10</sup>	215 <sup>33</sup>	200

2x12, 3x8, 4x6, 1x24, or 1½x16.

LENGTH					Feet in 1 Piece	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
20	24	28	32	36		40	44	48	52	56	60
PIECES					Feet	PIECES					
3 <sup>10</sup>	3 <sup>22</sup>	2 <sup>6</sup>	2 <sup>14</sup>	2 <sup>22</sup>	50	2 <sup>30</sup>	2 <sup>38</sup>	2 <sup>46</sup>	1 <sup>2</sup>	1 <sup>6</sup>	1 <sup>10</sup>
5	5 <sup>20</sup>	4 <sup>12</sup>	4 <sup>28</sup>	3 <sup>8</sup>	100	3 <sup>20</sup>	3 <sup>32</sup>	3 <sup>44</sup>	2 <sup>4</sup>	2 <sup>12</sup>	2 <sup>20</sup>
10	9 <sup>16</sup>	8 <sup>24</sup>	7 <sup>24</sup>	6 <sup>16</sup>	200	5	5 <sup>20</sup>	5 <sup>40</sup>	4 <sup>8</sup>	4 <sup>24</sup>	4 <sup>40</sup>
15	13 <sup>12</sup>	11 <sup>8</sup>	10 <sup>20</sup>	9 <sup>24</sup>	300	8 <sup>20</sup>	7 <sup>5</sup>	7 <sup>36</sup>	6 <sup>12</sup>	6 <sup>36</sup>	5
20	17 <sup>8</sup>	15 <sup>20</sup>	13 <sup>16</sup>	12 <sup>32</sup>	400	10	10 <sup>40</sup>	9 <sup>32</sup>	8 <sup>16</sup>	8 <sup>48</sup>	7 <sup>20</sup>
25	21 <sup>4</sup>	18 <sup>4</sup>	16 <sup>12</sup>	14 <sup>4</sup>	500	13 <sup>20</sup>	12 <sup>28</sup>	11 <sup>28</sup>	10 <sup>20</sup>	9 <sup>4</sup>	9 <sup>40</sup>
50	42 <sup>8</sup>	36 <sup>8</sup>	32 <sup>24</sup>	28 <sup>8</sup>	1000	25	23 <sup>12</sup>	21 <sup>8</sup>	20 <sup>40</sup>	18 <sup>8</sup>	17 <sup>20</sup>
100	84 <sup>16</sup>	72 <sup>16</sup>	63 <sup>16</sup>	56 <sup>16</sup>	2000	50	46 <sup>24</sup>	42 <sup>16</sup>	39 <sup>28</sup>	36 <sup>16</sup>	34 <sup>40</sup>
150	125	108 <sup>24</sup>	94 <sup>8</sup>	84 <sup>24</sup>	3000	75	69 <sup>36</sup>	63 <sup>24</sup>	58 <sup>16</sup>	54 <sup>24</sup>	50
200	167 <sup>8</sup>	143 <sup>4</sup>	125	112 <sup>32</sup>	4000	100	91 <sup>4</sup>	84 <sup>32</sup>	77 <sup>4</sup>	72 <sup>32</sup>	67 <sup>20</sup>
250	209 <sup>16</sup>	179 <sup>12</sup>	157 <sup>24</sup>	139 <sup>4</sup>	5000	125	114 <sup>16</sup>	105 <sup>40</sup>	97 <sup>44</sup>	90 <sup>40</sup>	84 <sup>40</sup>
300	250	215 <sup>20</sup>	188 <sup>16</sup>	167 <sup>12</sup>	6000	150	137 <sup>28</sup>	125	116 <sup>32</sup>	108 <sup>48</sup>	100
350	292 <sup>8</sup>	250	219 <sup>8</sup>	195 <sup>20</sup>	7000	175	160 <sup>40</sup>	146 <sup>8</sup>	135 <sup>20</sup>	125	117 <sup>20</sup>
400	334 <sup>16</sup>	286 <sup>8</sup>	250	223 <sup>28</sup>	8000	200	182 <sup>8</sup>	167 <sup>16</sup>	154 <sup>8</sup>	143 <sup>8</sup>	134 <sup>40</sup>
450	375	322 <sup>16</sup>	282 <sup>24</sup>	250	9000	225	205 <sup>20</sup>	188 <sup>24</sup>	174 <sup>48</sup>	161 <sup>16</sup>	150
500	417 <sup>8</sup>	358 <sup>24</sup>	313 <sup>16</sup>	278 <sup>8</sup>	10000	250	228 <sup>32</sup>	209 <sup>32</sup>	193 <sup>36</sup>	179 <sup>24</sup>	167 <sup>20</sup>



5c 15c \$6 \$7 \$8 \$9

# THE Lumberman's Actuary

SHOWING AT A GLANCE THE AMOUNT OF ANY NUMBER  
OF FEET BETWEEN 2 FEET AND 29,000 FEET AT  
ANY PRICE BETWEEN \$6.00 AND \$75.00 PER  
THOUSAND FEET; THUS: AT \$6.00, \$6.25,  
\$6.50, \$6.75, \$7.00, AND SO  
ON TO \$75.00.

ALSO,

SHOWING THE FEET IN ANY NUMBER OF PIECES BE-  
TWEEN 1 AND 2,000 PIECES, FOR ANY THICKNESS,  
AS INCH, INCH AND ONE-QUARTER, INCH  
AND ONE-HALF, 2 INCHES AND UP TO  
12 INCHES, AND FOR ANY WIDTH  
FROM 2 TO 24 INCHES.

BY

JOHN W. BARRY,  
CEDAR RAPIDS, IOWA.

FIFTH, REVISED, EDITION.

LINCOLN, NEB.:  
STATE JOURNAL COMPANY, PRINTERS.  
1909.

2 to 98	100	200	300	400	feet	500	600	700	800	900
0.05	2.65	5.30	7.95	10.60	2	13.25	15.90	18.55	21.20	23.85
0.11	2.70	5.35	8.00	10.65	4	13.30	15.95	18.60	21.25	23.90
0.16	2.76	5.41	8.06	10.71	6	13.36	16.01	18.66	21.31	23.96
0.21	2.81	5.46	8.11	10.76	8	13.41	16.06	18.71	21.36	24.01
0.27	2.86	5.51	8.16	10.81	10	13.46	16.11	18.76	21.41	24.06
0.32	2.92	5.57	8.22	10.87	12	13.52	16.17	18.82	21.47	24.12
0.37	2.97	5.62	8.27	10.92	14	13.57	16.22	18.87	21.52	24.17
0.42	3.02	5.67	8.32	10.97	16	13.62	16.27	18.92	21.57	24.22
0.48	3.07	5.72	8.37	11.02	18	13.67	16.32	18.97	21.62	24.27
0.53	3.13	5.78	8.43	11.08	20	13.73	16.38	19.03	21.68	24.33
0.58	3.18	5.83	8.48	11.13	22	13.78	16.43	19.08	21.73	24.38
0.64	3.23	5.88	8.53	11.18	24	13.83	16.48	19.13	21.78	24.43
0.69	3.29	5.94	8.59	11.24	26	13.89	16.54	19.19	21.84	24.49
0.74	3.34	5.99	8.64	11.29	28	13.94	16.59	19.24	21.89	24.54
0.80	3.39	6.04	8.69	11.34	30	13.99	16.64	19.29	21.94	24.59
0.85	3.45	6.10	8.75	11.40	32	14.05	16.70	19.35	22.00	24.65
0.90	3.50	6.15	8.80	11.45	34	14.10	16.75	19.40	22.05	24.70
0.95	3.55	6.20	8.85	11.50	36	14.15	16.80	19.45	22.10	24.75
1.01	3.60	6.25	8.90	11.55	38	14.20	16.85	19.50	22.15	24.80
1.06	3.66	6.31	8.96	11.61	40	14.26	16.91	19.56	22.21	24.86
1.11	3.71	6.36	9.01	11.66	42	14.31	16.96	19.61	22.26	24.91
1.17	3.76	6.41	9.06	11.71	44	14.36	17.01	19.66	22.31	24.96
1.22	3.82	6.47	9.12	11.77	46	14.42	17.07	19.72	22.37	25.02
1.27	3.87	6.52	9.17	11.82	48	14.47	17.12	19.77	22.42	25.07
1.33	3.92	6.57	9.22	11.87	50	14.52	17.17	19.82	22.47	25.12
1.38	3.98	6.63	9.28	11.93	52	14.58	17.23	19.88	22.53	25.18

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.38	4.03	6.68	9.33	11.98	52	14.63	17.28	19.93	22.58	25.23
1.43	4.08	6.73	9.38	12.03	54	14.68	17.33	19.98	22.63	25.28
1.48	4.13	6.78	9.43	12.08	56	14.73	17.38	20.03	22.68	25.33
1.54	4.19	6.84	9.49	12.14	58	14.79	17.44	20.09	22.74	25.39
1.59	4.24	6.89	9.54	12.19	60	14.84	17.49	20.14	22.79	25.44
1.64	4.29	6.94	9.59	12.24	62	14.89	17.54	20.19	22.84	25.49
1.70	4.35	7.00	9.65	12.30	64	14.95	17.60	20.25	22.90	25.55
1.75	4.40	7.05	9.70	12.35	66	15.00	17.65	20.30	22.95	25.60
1.80	4.45	7.10	9.75	12.40	68	15.05	17.70	20.35	23.00	25.65
1.86	4.51	7.16	9.81	12.46	70	15.11	17.76	20.41	23.06	25.71
1.91	4.56	7.21	9.86	12.51	72	15.16	17.81	20.46	23.11	25.76
1.96	4.61	7.26	9.91	12.56	74	15.21	17.86	20.51	23.16	25.81
2.01	4.66	7.31	9.96	12.61	76	15.26	17.91	20.56	23.21	25.86
2.07	4.72	7.37	10.02	12.67	78	15.32	17.97	20.62	23.27	25.92
2.12	4.77	7.42	10.07	12.72	80	15.37	18.02	20.67	23.32	25.97
2.17	4.82	7.47	10.12	12.77	82	15.42	18.07	20.72	23.37	26.02
2.23	4.88	7.53	10.18	12.83	84	15.48	18.13	20.78	23.43	26.08
2.28	4.93	7.58	10.23	12.88	86	15.53	18.18	20.83	23.48	26.13
2.33	4.98	7.63	10.28	12.93	88	15.58	18.23	20.88	23.53	26.18
2.39	5.04	7.69	10.34	12.99	90	15.64	18.29	20.94	23.59	26.24
2.44	5.09	7.74	10.39	13.04	92	15.69	18.34	20.99	23.64	26.29
2.49	5.14	7.79	10.44	13.09	94	15.74	18.39	21.04	23.69	26.34
2.54	5.19	7.84	10.49	13.14	96	15.79	18.44	21.09	23.74	26.39
2.60	5.25	7.90	10.55	13.20	98	15.85	18.50	21.15	23.80	26.45

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
265.00	291.50	318.00	344.50	371.00	132.50	159.00	185.50	212.00	238.50
265.00	291.50	318.00	344.50	371.00	397.50	424.00	450.50	477.00	503.50
530.00	556.50	583.00	609.50	636.00	662.50	689.00	715.50	742.00	768.50



# THE Lumberman's Account

SHOWING AT A GLANCE THE AMOUNT OF ANY ACCOUNT  
ON FILE BETWEEN 2 CENTS AND \$25.00 FROM 17  
ANY OTHER BETWEEN \$2.00 AND \$10.00 THE  
INCREASED PRICE FROM \$1.00 TO \$2.50  
FROM \$2.50 TO \$5.00, AND SO  
ON TO \$25.00

SHOWING THE FIFTY IN ANY NUMBER OF LUMBER  
THERE I AM 2,000 PAGES FOR ANY LUMBER

Entered according to Act of Congress, in the year 1893, by John W. Barry,  
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12 LUMBERMAN'S ACCOUNT

FROM 2 CENTS TO \$25.00

JOHN W. BARRY

1st edition, 1895.  
2d edition, 1896.  
3d edition, 1900.  
4th edition, 1905.  
5th edition, 1909.

FIFTH REVISED EDITION

## NET PRICES, DELIVERED.

Bound in Cloth, per copy .....	\$3.50
Bound in Leather, per copy .....	4.00
Special Morocco binding, buyer's name in gold, per copy .....	10.00

## PREFACE TO FIRST EDITION.

The author entered the lumber trade in 1884, and knowing the general use made of tables to save time and labor, and to secure accuracy, he was surprised to find lumbermen still figuring and refiguring bills, invoices, estimates, etc. The careful figures of yesterday, though practically the same for to-day, to-morrow, and forever, were put to no permanent use—all must be figured over again—a veritable task of Sisyphus. They figured up the hill to-day only to begin at the foot to-morrow and figure up again. Believing this a worse than waste of time, for there was no fun in it, an attempt was made to buy a book of *practical* tables, and it was immediately discovered that the prophet did not refer to the lumber trade when he said, "Of making many books there is no end," but on this subject probably would have said, "Much figuring is weariness of the flesh." However, being convinced that a book of *practical* tables was possible, and therefore "a consummation devoutly to be wished," the author went at it, and as the result of long and painstaking labor, "The Lumberman's Actuary" is now offered to the trade.

When it is once accurately determined, for example, how many pieces of 16-inch shiplap 14 feet long to load for 590 feet, or how many pieces of 4-inch flooring 16 feet long, for 3450 feet, and to what they amount, say at \$22.75 per M, it must be admitted a waste of time for every lumberman to figure out daily—yes, hourly—practically the same thing, instead of referring to the "Actuary" for the result as he would to his watch for the time of day. This is all the more important to lumbermen, for they figure many bills they do not sell, make many estimates of which passing time brings them no tidings, all in addition to their actual business. Surely there is a lesson for lumbermen in other lines. They should 'Consider the banker, the grain man and the coal man, how they do; they figure not, neither do they err. Therefore I say unto you that Croesus in all his wealth progressed not like one of these.'

Cheapness and Goodness are two horses traveling so wide apart that sensible people rarely attempt to straddle them. In the making of "The Lumberman's Actuary" 'judicial notice' was taken of numerous "cheap book" attempts and of the further fact of their very successful failures from the standpoint of the practical lumberman. So be it distinctly understood that an attempt at a cheap book was not even thought of. On the contrary, no efforts or expense were spared to secure *absolute accuracy and perfect readiness of reference.*

For instance, to secure accuracy, every one of the 231 pages, every one of the nearly one hundred and thirty thousand separate calculations, were figured carefully through eleven times. So sure is the author of its accuracy, that a copy of the book, or its price in cash, will be given to the person first reporting each material error.

To get the form most easily referred to, the pages were written and rearranged five times, the effort being to get a form as easily referred to as an open-faced watch.

The type is large and distinct and was made expressly for this book, so that the light and full-faced type might be used in alternate columns on the same page and yet have the figures in perfect line both up and down and across the page. This is very valuable and something never before attempted in a book of this kind. By its means, and without even pointing, the eye will instantly catch the right result every time.

In short, the attempt, the ambition, has been to produce the very best possible book in every important particular; to anticipate the perfection of the dawning morning of the twentieth century; to produce a book in every way worthy of the great trade for the use of which it is prepared; a book of which lumbermen, always critical and discriminating, may, when they see it, exclaim with the fervor of Archimedes of old, "Eureka."

Fairbury, Nebr., J. W. B.,  
June 1, 1893. Fairbury, Nebraska.  
JOHN W. BARRY,  
Cedar Rapids, Iowa, June, 1899.



## EXPLANATION OF MONEY TABLES.

### LUMBER FROM 5 CENTS TO \$75 PER M.

Run down the column headed by the even hundred until opposite the desired quantity in the center, and read amount, thus (page 278):

Am't of 2 ft. see 98 column, opposite 2 in center column.....\$0.15  
 Am't of 602 ft. see 600 column, opposite 2 in center column.....44.85  
 Am't of 844 ft. see 800 column, opposite 44 in center column.....62.89  
 Am't of \*845 ft. see 800 column, opposite 44 in center column.....62.95  
 Am't of 25844 ft. proceed as above for the 844.....\$62.88  
 For the 25000 ft. see bottom under 5 and opposite 20 in center, 1862.50=1925.38  
 \*For 845 feet, or whenever odd feet, as 1, 3, 5, etc., occur, add mentally half the amount of 2 feet, always the first figure in the "2 to 98" column:

### CHECKING CAR INVOICES.

For invoices at prices not multiples of the quarter (25c) as \$17.05, \$17.35, \$17.70, etc., the price over the quarter (25c) can never be anything but 5, 10, 15, or 20 cents. In such cases read the amount below the nearest even dollar, quarter (25c), half (50c), or three-quarter (75c), and then for the 5, 10, 15, or 20 cents over, add mentally the amount at these prices, for which see pages 1 to 3. Thus: 854 feet at \$74.65 = \$63.75. Is it right?—

854 feet at \$74.50 (see p. 278) .....\$63.62  
 854 feet at .15 (see p. 2)......13  
 —————\$63.75

All done without making a figure of course.

### MOULDINGS.

In applying the tables to mouldings proceed exactly as in lumber. Thus: 268 feet No. 8269 Listed at \$7.45. Run down the 200 column (page 278) until opposite 68 in the center and read \$19.97. Proceed in like manner for all other mouldings.

### FREIGHT. Consider the point to the left one place.

The tables apply to all freight rates from 6 cents to 75 cents a 100 pounds, advancing by quarter cents, as 6c, 6¼c, 6½c, 6¾c, 7c, etc. For example, the freight on 5 to 2 red cedar shingles, 180 pounds, at 74½c is found by proceeding exactly as if the 180 were feet of lumber but in the final result consider the decimal point 1 place to left, thus: 180 @ 74½ = \$13.41, and considered with point to left 1 place is \$1.34.

### CAR FREIGHT.

Proceed as if lumber, thus: 36840 pounds on a 74½c rate. See page 278. For the 840, see 800 column, opposite 40 in the center.....\$62.58  
 For the 36,000, take double of 18000 at bottom, or.....2682.00  
 —————\$2744.58

Considering the point 1 place to left, or \$274.45, the correct amount.

### LATH AND SHINGLES.

From 85 cents to \$6 per M. See pages 344 to 369.  
 Thus: 60¾ M at \$3.40; for the 80 M run down \$3.40 column until opposite 60 in the center and read \$204.00, and then add for the ¾ M the \$2.55 given at the bottom opposite ¾, or in all, \$206.55. Proceed likewise in other cases.

### BY THE BUSHEL.

In computing articles by the bushel the Actuary applies accurately on all prices beginning with 6 cents and running up by quarter cents to 75 cents a bushel. Example, 87 bushels of corn at 29¼ cents a bushel. Add a cipher, thus: 870, and find amount at \$29.25, which is \$25.45. Proceed likewise in all similar cases.

### BY THE HUNDRED.

It applies also to articles estimated by the hundred pounds. Example: A hog weighing 372 pounds, at \$3.25 per hundred pounds. Referring to \$32.50 in the index, the amount is \$12.09. Covers all cases to \$7.50 a hundred.

NOTE—Variations of 1 cent and under not regarded as errors.

## EXPLANATION OF THE SIZE TABLES.

## PIECES GIVEN, TO FIND THE FEET.

How many feet in 22 pieces  $1\frac{1}{4} \times 5$  16'? See 16-foot column (page 292) opposite 22 in the center, 183 feet.

How many feet in 322 pieces  $1\frac{1}{4} \times 5$  16'?  
For the 22 pieces proceed as above..... 183 ft.  
For the 300 pieces, see 16-foot column at bottom opposite 300 in center, 2500 ft.

Total in the 322 pieces..... 2683 ft.

## MULTIPLES.

How many feet in 24 pieces  $1\frac{1}{4} \times 10$  8'? As  $1\frac{1}{4} \times 10$  is twice  $1\frac{1}{4} \times 5$ , the following is at the top of page 292 "For  $1\frac{1}{4} \times 10$  multiply by 2." Therefore find for 24 pieces  $1\frac{1}{4} \times 5$  8' by running down the 8-foot column until opposite 24 in the center and read 100 feet which is doubled for  $1\frac{1}{4} \times 10$ , making 200 feet. Or the feet for *double* the number of pieces may be found with the same result.

Again—the contents of smaller sizes may be obtained by dividing, thus: How many feet in 35 pieces  $1\frac{1}{4} \times 1\frac{1}{4}$  9'? Run down 9-foot column until opposite 35 in the center and read 164, which divided by 4 gives 41 feet as the contents of 35 pieces  $1\frac{1}{4} \times 1\frac{1}{4}$  9'?

NOTE.—In using multiples as above, there are a few cases in which a minor fraction of a foot having been dropped or added, the final result will vary slightly from the mathematically exact one. Such results are not considered errors.

## FEET GIVEN, TO FIND PIECES.

In 250 feet  $1\frac{1}{4} \times 5$  16' how many pieces? Run down the 16-foot column, page 292, until 250 is reached and read in the center 30 pieces.

## EQUIVALENTS.

For 7 x 9 16' the index refers to (p. o.) page opposite at B B., showing that 7 x 9 16' is the same as 3 x 14 24'. Therefore, for 35 pieces 7 x 9 16' read contents of 35 pieces 3 x 14 24' (on page 312), or 2940 feet.

## BATTENS. Page 293.

How many pieces 18 feet long for 1584 feet? Run down 2 x 6 table in 18-foot column until 1584 is reached and opposite in center read 88 pieces.

## FEET LINE. Page 293.

How many feet of line of all width 14-foot boards for 1218 feet? Using 2 x 6 table, run down 14-foot column until 1218 is reached and opposite in center read 87.

## ODD.

The feet board measure (B. M.) to the foot lineal for all sizes will be found on pages 336 to 352. See explanation bottom page 341. You have sawed 500 pieces  $2 \times 4\frac{1}{2}$  16'; how many feet? On page 336 run down the 2-inch thick column until opposite  $4\frac{1}{2}$  in the center and read .7500 or  $\frac{3}{4}$  of a foot B. M. to the foot lineal in  $2 \times 4\frac{1}{2}$  or 12 feet to the 16' piece, and in the 500 pieces a total of 6,000 feet.

## ESTIMATING.

Errors in estimating occur most frequently from omissions. Such errors may be systematically avoided by following the list of items beginning on page 372, and including such of them as apply to the construction under consideration.

The carpenter-labor-cost is based on a wage of \$2.50 a day. For a \$2.75 basis add 10 per cent to the final sum for carpenter labor; for a \$3.00 basis add 20 per cent, etc.



## 5c Per M.

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.01	.02	.02			.03	.03	.04	.04	.05
.01	.01	.02	.02		2	.03	.03	.04	.04	.05
.01	.01	.02	.02		4	.03	.03	.04	.04	.05
.01	.01	.02	.02		6	.03	.03	.04	.04	.05
.01	.01	.02	.02		8	.03	.03	.04	.04	.05
.01	.01	.02	.02		10	.03	.03	.04	.04	.05
.01	.01	.02	.02		12	.03	.03	.04	.04	.05
.01	.01	.02	.02		14	.03	.03	.04	.04	.05
.01	.01	.02	.02		16	.03	.03	.04	.04	.05
.01	.01	.02	.02		18	.03	.03	.04	.04	.05
.01	.01	.02	.02		20	.03	.03	.04	.04	.05
.01	.01	.02	.02		22	.03	.03	.04	.04	.05
.01	.01	.02	.02		24	.03	.03	.04	.04	.05
.01	.01	.02	.02		26	.03	.03	.04	.04	.05
.01	.01	.02	.02		28	.03	.03	.04	.04	.05
.01	.01	.02	.02		30	.03	.03	.04	.04	.05
.01	.01	.02	.02		32	.03	.03	.04	.04	.05
.01	.01	.02	.02		34	.03	.03	.04	.04	.05
.01	.01	.02	.02		36	.03	.03	.04	.04	.05
.01	.01	.02	.02		38	.03	.03	.04	.04	.05
.01	.01	.02	.02		40	.03	.03	.04	.04	.05
.01	.01	.02	.02		42	.03	.03	.04	.04	.05
.01	.01	.02	.02		44	.03	.03	.04	.04	.05
.01	.01	.02	.02		46	.03	.03	.04	.04	.05
.01	.01	.02	.02		48	.03	.03	.04	.04	.05
.01	.01	.02	.02		50	.03	.03	.04	.04	.05

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.01	.02	.02		52	.03	.03	.04	.04	.05
.01	.01	.02	.02		54	.03	.03	.04	.04	.05
.01	.01	.02	.02		56	.03	.03	.04	.04	.05
.01	.01	.02	.02		58	.03	.03	.04	.04	.05
.01	.01	.02	.02		60	.03	.03	.04	.04	.05
.01	.01	.02	.02		62	.03	.03	.04	.04	.05
.01	.01	.02	.02		64	.03	.03	.04	.04	.05
.01	.01	.02	.02		66	.03	.03	.04	.04	.05
.01	.01	.02	.02		68	.03	.03	.04	.04	.05
.01	.01	.02	.02		70	.03	.03	.04	.04	.05
.01	.01	.02	.02		72	.03	.03	.04	.04	.05
.01	.01	.02	.02		74	.03	.03	.04	.04	.05
.01	.01	.02	.02		76	.03	.03	.04	.04	.05
.01	.01	.02	.02		78	.03	.03	.04	.04	.05
.01	.01	.02	.02		80	.03	.03	.04	.04	.05
.01	.01	.02	.02		82	.03	.03	.04	.04	.05
.01	.01	.02	.02		84	.03	.03	.04	.04	.05
.01	.01	.02	.02		86	.03	.03	.04	.04	.05
.01	.01	.02	.02		88	.03	.03	.04	.04	.05
.01	.01	.02	.02		90	.03	.03	.04	.04	.05
.01	.01	.02	.02		92	.03	.03	.04	.04	.05
.01	.01	.02	.02		94	.03	.03	.04	.04	.05
.01	.01	.02	.02		96	.03	.03	.04	.04	.05
.01	.01	.02	.02		98	.03	.03	.04	.04	.05

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
.05	.10	.15	.20		.25	.30	.35	.40	.45
.50	.55	.60	.65	.70	.75	.80	.85	.90	.95
1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35	1.40	1.45

For explanation see page x.

1c Per 100

10c Per M.

1\*

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.02	.03	.04			.05	.06	.07	.08	.09
.01	.02	.03	.04	2		.05	.06	.07	.08	.09
.01	.02	.03	.04	4		.05	.06	.07	.08	.09
.01	.02	.03	.04	6		.05	.06	.07	.08	.09
.01	.02	.03	.04	8		.05	.06	.07	.08	.09
.01	.02	.03	.04	10		.05	.06	.07	.08	.09
.01	.02	.03	.04	12		.05	.06	.07	.08	.09
.01	.02	.03	.04	14		.05	.06	.07	.08	.09
.01	.02	.03	.04	16		.05	.06	.07	.08	.09
.01	.02	.03	.04	18		.05	.06	.07	.08	.09
.01	.02	.03	.04	20		.05	.06	.07	.08	.09
.01	.02	.03	.04	22		.05	.06	.07	.08	.09
.01	.02	.03	.04	24		.05	.06	.07	.08	.09
.01	.02	.03	.04	26		.05	.06	.07	.08	.09
.01	.02	.03	.04	28		.05	.06	.07	.08	.09
.01	.02	.03	.04	30		.05	.06	.07	.08	.09
.01	.02	.03	.04	32		.05	.06	.07	.08	.09
.01	.02	.03	.04	34		.05	.06	.07	.08	.09
.01	.02	.03	.04	36		.05	.06	.07	.08	.09
.01	.02	.03	.04	38		.05	.06	.07	.08	.09
.01	.02	.03	.04	40		.05	.06	.07	.08	.09
.01	.02	.03	.04	42		.05	.06	.07	.08	.09
.01	.02	.03	.04	44		.05	.06	.07	.08	.09
.01	.02	.03	.04	46		.05	.06	.07	.08	.09
.01	.02	.03	.04	48		.05	.06	.07	.08	.09
.01	.02	.03	.04	50		.06	.07	.08	.09	.10

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.02	.03	.04	.05	52	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	54	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	56	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	58	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	60	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	62	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	64	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	66	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	68	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	70	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	72	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	74	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	76	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	78	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	80	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	82	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	84	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	86	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	88	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	90	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	92	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	94	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	96	.06	.07	.08	.09	.10
.01	.02	.03	.04	.05	98	.06	.07	.08	.09	.10

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
.10	.20	.30	.40		.50	.60	.70	.80	.90
1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90
2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90

For explanation see page x.



2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	.03	.05	.06			.08	.09	.11	.12	.14
.02	.03	.05	.06	2		.08	.09	.11	.12	.14
.02	.03	.05	.06	4		.08	.09	.11	.12	.14
.02	.03	.05	.06	6		.08	.09	.11	.12	.14
.02	.03	.05	.06	8		.08	.09	.11	.12	.14
.02	.03	.05	.06	10		.08	.09	.11	.12	.14
.02	.03	.05	.06	12		.08	.09	.11	.12	.14
.02	.03	.05	.06	14		.08	.09	.11	.12	.14
.02	.03	.05	.06	16		.08	.09	.11	.12	.14
.02	.03	.05	.06	18		.08	.09	.11	.12	.14
.02	.03	.05	.06	20		.08	.09	.11	.12	.14
.02	.03	.05	.06	22		.08	.09	.11	.12	.14
.02	.03	.05	.06	24		.08	.09	.11	.12	.14
.02	.03	.05	.06	26		.08	.09	.11	.12	.14
.02	.03	.05	.06	28		.08	.09	.11	.12	.14
.02	.03	.05	.06	30		.08	.09	.11	.12	.14
.02	.03	.05	.06	32		.08	.09	.11	.12	.14
.01	.02	.04	.05	.07	34	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	36	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	38	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	40	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	42	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	44	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	46	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	48	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	50	.08	.10	.11	.13	.14

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.02	.04	.05	.07	52	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	54	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	56	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	58	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	60	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	62	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	64	.08	.10	.11	.13	.14
.01	.02	.04	.05	.07	66	.08	.10	.11	.13	.14
.01	.03	.04	.06	.07	68	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	70	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	72	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	74	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	76	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	78	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	80	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	82	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	84	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	86	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	88	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	90	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	92	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	94	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	96	.09	.10	.12	.13	.15
.01	.03	.04	.06	.07	98	.09	.10	.12	.13	.15

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
.15	.30	.45	.60		.75	.90	1.05	1.20	1.35
1.50	1.65	1.80	1.95	2.10	2.25	2.40	2.55	2.70	2.85
3.00	3.15	3.30	3.45	3.60	3.75	3.90	4.05	4.20	4.35

For explanation see page x.

2c Per 100

20c Per M.

3

2 to 98	100	200	300	400	feet	500	600	700	800	900
	.02	.04	.06	.08		.10	.12	.14	.16	.18
	.02	.04	.06	.08	2	.10	.12	.14	.16	.18
	.02	.04	.06	.08	4	.10	.12	.14	.16	.18
	.02	.04	.06	.08	6	.10	.12	.14	.16	.18
	.02	.04	.06	.08	8	.10	.12	.14	.16	.18
	.02	.04	.06	.08	10	.10	.12	.14	.16	.18
	.02	.04	.06	.08	12	.10	.12	.14	.16	.18
	.02	.04	.06	.08	14	.10	.12	.14	.16	.18
	.02	.04	.06	.08	16	.10	.12	.14	.16	.18
	.02	.04	.06	.08	18	.10	.12	.14	.16	.18
	.02	.04	.06	.08	20	.10	.12	.14	.16	.18
	.02	.04	.06	.08	22	.10	.12	.14	.16	.18
	.02	.04	.06	.08	24	.10	.12	.14	.16	.19
.01	.03	.05	.07	.09	26	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	28	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	30	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	32	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	34	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	36	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	38	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	40	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	42	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	44	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	46	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	48	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	50	.11	.13	.15	.17	.19

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.03	.05	.07	.09	52	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	54	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	56	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	58	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	60	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	62	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	64	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	66	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	68	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	70	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	72	.11	.13	.15	.17	.19
.01	.03	.05	.07	.09	74	.11	.13	.15	.17	.19
.02	.04	.06	.08	.10	76	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	78	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	80	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	82	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	84	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	86	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	88	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	90	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	92	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	94	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	96	.12	.14	.16	.18	.20
.02	.04	.06	.08	.10	98	.12	.14	.16	.18	.20

Above 1M.

M FEET					M	M FEET				
1	2	3	4			5	6	7	8	9
AMOUNT						AMOUNT				
2.00	.20	.40	.60	.80	10	1.00	1.20	1.40	1.60	1.80
2.20	2.20	2.40	2.60	2.80	10	3.00	3.20	3.40	3.60	3.80
4.00	4.20	4.40	4.60	4.80	20	5.00	5.20	5.40	5.60	5.80

For explanation see page x.



2 to 95	100	200	300	400	feet	500	600	700	800	900
.01	.60	1.20	1.80	2.40	2	3.00	3.60	4.20	4.80	5.40
.02	.61	1.21	1.81	2.41	4	3.01	3.61	4.21	4.81	5.41
.04	.62	1.22	1.82	2.42	6	3.02	3.62	4.22	4.82	5.42
.05	.64	1.24	1.84	2.44	8	3.04	3.64	4.24	4.84	5.44
.06	.65	1.25	1.85	2.45	10	3.05	3.65	4.25	4.85	5.45
.07	.66	1.26	1.86	2.46	12	3.06	3.66	4.26	4.86	5.46
.08	.67	1.27	1.87	2.47	14	3.07	3.67	4.27	4.87	5.47
.10	.68	1.28	1.88	2.48	16	3.08	3.68	4.28	4.88	5.48
.11	.70	1.30	1.90	2.50	18	3.10	3.70	4.30	4.90	5.50
.12	.71	1.31	1.91	2.51	20	3.11	3.71	4.31	4.91	5.51
.13	.72	1.32	1.92	2.52	22	3.12	3.72	4.32	4.92	5.52
.14	.73	1.33	1.93	2.53	24	3.13	3.73	4.33	4.93	5.53
.16	.74	1.34	1.94	2.54	26	3.14	3.74	4.34	4.94	5.54
.17	.76	1.36	1.96	2.56	28	3.16	3.76	4.36	4.96	5.56
.18	.77	1.37	1.97	2.57	30	3.17	3.77	4.37	4.97	5.57
.19	.78	1.38	1.98	2.58	32	3.18	3.78	4.38	4.98	5.58
.20	.79	1.39	1.99	2.59	34	3.19	3.79	4.39	4.99	5.59
.22	.80	1.40	2.00	2.60	36	3.20	3.80	4.40	5.00	5.60
.23	.82	1.42	2.02	2.62	38	3.22	3.82	4.42	5.02	5.62
.24	.83	1.43	2.03	2.63	40	3.23	3.83	4.43	5.03	5.63
.25	.84	1.44	2.04	2.64	42	3.24	3.84	4.44	5.04	5.64
.26	.85	1.45	2.05	2.65	44	3.25	3.85	4.45	5.05	5.65
.28	.86	1.46	2.06	2.66	46	3.26	3.86	4.46	5.06	5.66
.29	.88	1.48	2.08	2.68	48	3.28	3.88	4.48	5.08	5.68
.30	.89	1.49	2.09	2.69	50	3.29	3.89	4.49	5.09	5.69
.30	.90	1.50	2.10	2.70	50	3.30	3.90	4.50	5.10	5.70

2 to 98	100	200	300	400	feet	500	600	700	800	900
.31	.91	1.51	2.11	2.71	52	3.31	3.91	4.51	5.11	5.71
.32	.92	1.52	2.12	2.72	54	3.32	3.92	4.52	5.12	5.72
.34	.94	1.54	2.14	2.74	56	3.34	3.94	4.54	5.14	5.74
.35	.95	1.55	2.15	2.75	58	3.35	3.95	4.55	5.15	5.75
.36	.96	1.56	2.16	2.76	60	3.36	3.96	4.56	5.16	5.76
.37	.97	1.57	2.17	2.77	62	3.37	3.97	4.57	5.17	5.77
.38	.98	1.58	2.18	2.78	64	3.38	3.98	4.58	5.18	5.78
.40	1.00	1.60	2.20	2.80	66	3.40	4.00	4.60	5.20	5.80
.41	1.01	1.61	2.21	2.81	68	3.41	4.01	4.61	5.21	5.81
.42	1.02	1.62	2.22	2.82	70	3.42	4.02	4.62	5.22	5.82
.43	1.03	1.63	2.23	2.83	72	3.43	4.03	4.63	5.23	5.83
.44	1.04	1.64	2.24	2.84	74	3.44	4.04	4.64	5.24	5.84
.46	1.06	1.66	2.26	2.86	76	3.46	4.06	4.66	5.26	5.86
.47	1.07	1.67	2.27	2.87	78	3.47	4.07	4.67	5.27	5.87
.48	1.08	1.68	2.28	2.88	80	3.48	4.08	4.68	5.28	5.88
.49	1.09	1.69	2.29	2.89	82	3.49	4.09	4.69	5.29	5.89
.50	1.10	1.70	2.30	2.90	84	3.50	4.10	4.70	5.30	5.90
.52	1.12	1.72	2.32	2.92	86	3.52	4.12	4.72	5.32	5.92
.53	1.13	1.73	2.33	2.93	88	3.53	4.13	4.73	5.33	5.93
.54	1.14	1.74	2.34	2.94	90	3.54	4.14	4.74	5.34	5.94
.55	1.15	1.75	2.35	2.95	92	3.55	4.15	4.75	5.35	5.95
.56	1.16	1.76	2.36	2.96	94	3.56	4.16	4.76	5.36	5.96
.58	1.18	1.78	2.38	2.98	96	3.58	4.18	4.78	5.38	5.98
.59	1.19	1.79	2.39	2.99	98	3.59	4.19	4.79	5.39	5.99

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
6.00	12.00	18.00	24.00	10	30.00	36.00	42.00	48.00	54.00
60.00	66.00	72.00	78.00	10	90.00	96.00	102.00	108.00	114.00
120.00	126.00	132.00	138.00	20	150.00	156.00	162.00	168.00	174.00

62½c Per 100

\$6.25 Per M.

2 to 98	100	200	300	400	feet	500	600	700	800	900
.63	1.25	1.88	2.50			3.13	3.75	4.38	5.00	5.63
.01	.64	1.26	1.89	2.51	2	3.14	3.76	4.39	5.01	5.64
.03	.65	1.28	1.90	2.53	4	3.15	3.78	4.40	5.03	5.65
.04	.66	1.29	1.91	2.54	6	3.16	3.79	4.41	5.04	5.66
.05	.68	1.30	1.93	2.55	8	3.18	3.80	4.43	5.05	5.68
.06	.69	1.31	1.94	2.56	10	3.19	3.81	4.44	5.06	5.69
.08	.70	1.33	1.95	2.58	12	3.20	3.83	4.45	5.08	5.70
.09	.71	1.34	1.96	2.59	14	3.21	3.84	4.46	5.09	5.71
.10	.73	1.35	1.98	2.60	16	3.23	3.85	4.48	5.10	5.73
.11	.74	1.36	1.99	2.61	18	3.24	3.86	4.49	5.11	5.74
.13	.75	1.38	2.00	2.63	20	3.25	3.88	4.50	5.13	5.75
.14	.76	1.39	2.01	2.64	22	3.26	3.89	4.51	5.14	5.76
.15	.78	1.40	2.03	2.65	24	3.28	3.90	4.53	5.15	5.78
.16	.79	1.41	2.04	2.66	26	3.29	3.91	4.54	5.16	5.79
.18	.80	1.43	2.05	2.68	28	3.30	3.93	4.55	5.18	5.80
.19	.81	1.44	2.06	2.69	30	3.31	3.94	4.56	5.19	5.81
.20	.83	1.45	2.08	2.70	32	3.33	3.95	4.58	5.20	5.83
.21	.84	1.46	2.09	2.71	34	3.34	3.96	4.59	5.21	5.84
.23	.85	1.48	2.10	2.73	36	3.35	3.98	4.60	5.23	5.85
.24	.86	1.49	2.11	2.74	38	3.36	3.99	4.61	5.24	5.86
.25	.88	1.50	2.13	2.75	40	3.38	4.00	4.63	5.25	5.88
.26	.89	1.51	2.14	2.76	42	3.39	4.01	4.64	5.26	5.89
.28	.90	1.53	2.15	2.78	44	3.40	4.03	4.65	5.28	5.90
.29	.91	1.54	2.16	2.79	46	3.41	4.04	4.66	5.29	5.91
.30	.93	1.55	2.18	2.80	48	3.43	4.05	4.68	5.30	5.93
.31	.94	1.56	2.19	2.81	50	3.44	4.06	4.69	5.31	5.94

2 to 98	100	200	300	400	feet	500	600	700	800	900
.33	.95	1.58	2.20	2.83	52	3.45	4.08	4.70	5.33	5.95
.34	.96	1.59	2.21	2.84	54	3.46	4.09	4.71	5.34	5.96
.35	.98	1.60	2.23	2.85	56	3.48	4.10	4.73	5.35	5.98
.36	.99	1.61	2.24	2.86	58	3.49	4.11	4.74	5.36	5.99
.38	1.00	1.63	2.25	2.88	60	3.50	4.13	4.75	5.38	6.00
.39	1.01	1.64	2.26	2.89	62	3.51	4.14	4.76	5.39	6.01
.40	1.03	1.65	2.28	2.90	64	3.53	4.15	4.78	5.40	6.03
.41	1.04	1.66	2.29	2.91	66	3.54	4.16	4.79	5.41	6.04
.43	1.05	1.68	2.30	2.93	68	3.55	4.18	4.80	5.43	6.05
.44	1.06	1.69	2.31	2.94	70	3.56	4.19	4.81	5.44	6.06
.45	1.08	1.70	2.33	2.95	72	3.58	4.20	4.83	5.45	6.08
.46	1.09	1.71	2.34	2.96	74	3.59	4.21	4.84	5.46	6.09
.48	1.10	1.73	2.35	2.98	76	3.60	4.23	4.85	5.48	6.10
.49	1.11	1.74	2.36	2.99	78	3.61	4.24	4.86	5.49	6.11
.50	1.13	1.75	2.38	3.00	80	3.63	4.25	4.88	5.50	6.13
.51	1.14	1.76	2.39	3.01	82	3.64	4.26	4.89	5.51	6.14
.53	1.15	1.78	2.40	3.03	84	3.65	4.28	4.90	5.53	6.15
.54	1.16	1.79	2.41	3.04	86	3.66	4.29	4.91	5.54	6.16
.55	1.18	1.80	2.43	3.05	88	3.68	4.30	4.93	5.55	6.18
.56	1.19	1.81	2.44	3.06	90	3.69	4.31	4.94	5.56	6.19
.58	1.20	1.83	2.45	3.08	92	3.70	4.33	4.95	5.58	6.20
.59	1.21	1.84	2.46	3.09	94	3.71	4.34	4.96	5.59	6.21
.60	1.23	1.85	2.48	3.10	96	3.73	4.35	4.98	5.60	6.23
.61	1.24	1.86	2.49	3.11	98	3.74	4.36	4.99	5.61	6.24

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
6.25	12.50	18.75	25.00		31.25	37.50	43.75	50.00	56.25
62.50	68.75	75.00	81.25	10	93.75	100.00	106.25	112.50	118.75
125.00	131.25	137.50	143.75	20	156.25	162.50	168.75	175.00	181.25



2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.65	1.30	1.95	2.60	2	3.25	3.90	4.55	5.20	5.85
.03	.66	1.31	1.96	2.61	4	3.26	3.91	4.56	5.21	5.86
.04	.68	1.33	1.98	2.63	6	3.28	3.93	4.58	5.23	5.88
.05	.69	1.34	1.99	2.64	8	3.29	3.94	4.59	5.24	5.89
.07	.70	1.35	2.00	2.65	10	3.30	3.95	4.60	5.25	5.90
.08	.72	1.37	2.02	2.67	12	3.32	3.97	4.62	5.27	5.92
.09	.73	1.38	2.03	2.68	14	3.33	3.98	4.63	5.28	5.93
.10	.74	1.39	2.04	2.69	16	3.34	3.99	4.64	5.29	5.94
.12	.76	1.40	2.06	2.70	18	3.36	4.00	4.66	5.30	5.96
.13	.77	1.42	2.07	2.72	20	3.37	4.02	4.67	5.32	5.97
.14	.78	1.43	2.08	2.73	22	3.38	4.03	4.68	5.33	5.98
.16	.79	1.44	2.09	2.74	24	3.39	4.04	4.69	5.34	5.99
.17	.81	1.46	2.11	2.76	26	3.41	4.06	4.71	5.36	6.01
.18	.82	1.47	2.12	2.77	28	3.42	4.07	4.72	5.37	6.02
.20	.83	1.48	2.13	2.78	30	3.43	4.08	4.73	5.38	6.03
.21	.85	1.50	2.15	2.80	32	3.45	4.10	4.75	5.40	6.05
.22	.86	1.51	2.16	2.81	34	3.46	4.11	4.76	5.41	6.06
.23	.87	1.52	2.17	2.82	36	3.47	4.12	4.77	5.42	6.07
.25	.88	1.53	2.18	2.83	38	3.48	4.13	4.78	5.43	6.08
.26	.90	1.55	2.20	2.85	40	3.50	4.15	4.80	5.45	6.10
.27	.91	1.56	2.21	2.86	42	3.51	4.16	4.81	5.46	6.11
.29	.92	1.57	2.22	2.87	44	3.52	4.17	4.82	5.47	6.12
.30	.94	1.59	2.24	2.89	46	3.54	4.19	4.84	5.49	6.14
.31	.95	1.60	2.25	2.90	48	3.55	4.20	4.85	5.50	6.15
.33	.96	1.61	2.26	2.91	50	3.56	4.21	4.86	5.51	6.16
	.98	1.63	2.28	2.93		3.58	4.23	4.88	5.53	6.18
2 to 98	100	200	300	400	feet	500	600	700	800	900
.34	.99	1.64	2.29	2.94	52	3.59	4.24	4.89	5.54	6.19
.35	1.00	1.65	2.30	2.95	54	3.60	4.25	4.90	5.55	6.20
.36	1.01	1.66	2.31	2.96	56	3.61	4.26	4.91	5.56	6.21
.38	1.03	1.68	2.33	2.98	58	3.63	4.28	4.93	5.58	6.23
.39	1.04	1.69	2.34	2.99	60	3.64	4.29	4.94	5.59	6.24
.40	1.05	1.70	2.35	3.00	62	3.65	4.30	4.95	5.60	6.25
.42	1.07	1.72	2.37	3.02	64	3.67	4.32	4.97	5.62	6.27
.43	1.08	1.73	2.38	3.03	66	3.68	4.33	4.98	5.63	6.28
.44	1.09	1.74	2.39	3.04	68	3.69	4.34	4.99	5.64	6.29
.46	1.10	1.76	2.40	3.06	70	3.70	4.36	5.00	5.66	6.30
.47	1.12	1.77	2.42	3.07	72	3.72	4.37	5.02	5.67	6.32
.48	1.13	1.78	2.43	3.08	74	3.73	4.38	5.03	5.68	6.33
.49	1.14	1.79	2.44	3.09	76	3.74	4.39	5.04	5.69	6.34
.51	1.16	1.81	2.46	3.11	78	3.76	4.41	5.06	5.71	6.36
.52	1.17	1.82	2.47	3.12	80	3.77	4.42	5.07	5.72	6.37
.53	1.18	1.83	2.48	3.13	82	3.78	4.43	5.08	5.73	6.38
.55	1.20	1.85	2.50	3.15	84	3.80	4.45	5.10	5.75	6.40
.56	1.21	1.86	2.51	3.16	86	3.81	4.46	5.11	5.76	6.41
.57	1.22	1.87	2.52	3.17	88	3.82	4.47	5.12	5.77	6.42
.59	1.24	1.89	2.54	3.19	90	3.84	4.49	5.14	5.79	6.44
.60	1.25	1.90	2.55	3.20	92	3.85	4.50	5.15	5.80	6.45
.61	1.26	1.91	2.56	3.21	94	3.86	4.51	5.16	5.81	6.46
.62	1.27	1.92	2.57	3.22	96	3.87	4.52	5.17	5.82	6.47
.64	1.29	1.94	2.59	3.24	98	3.89	4.54	5.19	5.84	6.49

Above 1M.

1	2	3	4	5	6	7	8	9
M FEET				M FEET				
AMOUNT				AMOUNT				
65.00	71.50	78.00	84.50	92.50	99.00	105.50	112.00	118.50
130.00	136.50	143.00	149.50	156.00	162.50	169.00	175.50	182.00

\$7

\$8

\$9

67½c Per 100

\$6.75 Per M.

7

2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.68	1.35	2.03	2.70		3.38	4.05	4.73	5.40	6.08
.03	.69	1.36	2.04	2.71	2	3.39	4.06	4.74	5.41	6.09
.04	.71	1.38	2.06	2.73	4	3.41	4.08	4.76	5.43	6.11
.05	.72	1.39	2.07	2.74	6	3.42	4.09	4.77	5.44	6.12
.07	.73	1.40	2.08	2.75	8	3.43	4.10	4.78	5.45	6.13
.08	.75	1.42	2.10	2.77	10	3.45	4.12	4.80	5.47	6.15
.09	.76	1.43	2.11	2.78	12	3.46	4.13	4.81	5.48	6.16
.11	.77	1.44	2.12	2.79	14	3.47	4.14	4.82	5.49	6.17
.12	.79	1.46	2.13	2.81	16	3.49	4.16	4.83	5.51	6.19
.14	.80	1.47	2.15	2.82	18	3.50	4.17	4.85	5.52	6.20
.15	.81	1.48	2.16	2.84	20	3.51	4.18	4.86	5.54	6.21
.16	.83	1.50	2.18	2.85	22	3.53	4.20	4.88	5.55	6.23
.18	.84	1.51	2.19	2.86	24	3.54	4.21	4.89	5.56	6.24
.19	.86	1.53	2.21	2.88	26	3.56	4.23	4.91	5.58	6.26
.20	.87	1.54	2.22	2.89	28	3.57	4.24	4.92	5.59	6.27
.22	.88	1.55	2.23	2.90	30	3.58	4.25	4.93	5.60	6.28
.23	.90	1.57	2.25	2.92	32	3.60	4.27	4.95	5.62	6.30
.24	.91	1.58	2.26	2.93	34	3.61	4.28	4.96	5.63	6.31
.26	.92	1.59	2.27	2.94	36	3.62	4.29	4.97	5.64	6.32
.27	.94	1.61	2.29	2.96	38	3.64	4.31	4.99	5.66	6.34
.28	.95	1.62	2.30	2.97	40	3.65	4.32	5.00	5.67	6.35
.30	.96	1.63	2.31	2.98	42	3.66	4.33	5.01	5.68	6.36
.31	.98	1.65	2.33	3.00	44	3.68	4.35	5.03	5.70	6.38
.32	.99	1.66	2.34	3.01	46	3.69	4.36	5.04	5.71	6.39
.34	1.00	1.67	2.35	3.02	48	3.70	4.37	5.05	5.72	6.40
	1.02	1.69	2.37	3.04	50	3.72	4.39	5.07	5.74	6.42

2 to 98	100	200	300	400	feet	500	600	700	800	900
.35	1.03	1.70	2.38	3.05	52	3.73	4.40	5.08	5.75	6.43
.36	1.04	1.71	2.39	3.06	54	3.74	4.41	5.09	5.76	6.44
.38	1.06	1.73	2.41	3.08	56	3.76	4.43	5.11	5.78	6.46
.39	1.07	1.74	2.42	3.09	58	3.77	4.44	5.12	5.79	6.47
.41	1.08	1.75	2.43	3.11	60	3.78	4.45	5.13	5.81	6.48
.42	1.10	1.77	2.45	3.12	62	3.80	4.47	5.15	5.82	6.50
.43	1.11	1.78	2.46	3.13	64	3.81	4.48	5.16	5.83	6.51
.45	1.12	1.79	2.47	3.15	66	3.82	4.49	5.17	5.85	6.52
.46	1.14	1.81	2.49	3.16	68	3.84	4.51	5.19	5.86	6.54
.47	1.15	1.82	2.50	3.17	70	3.85	4.52	5.20	5.87	6.55
.49	1.17	1.84	2.52	3.19	72	3.87	4.54	5.22	5.89	6.57
.50	1.18	1.85	2.53	3.20	74	3.88	4.55	5.23	5.90	6.58
.51	1.19	1.86	2.54	3.21	76	3.89	4.56	5.24	5.91	6.59
.53	1.21	1.88	2.56	3.23	78	3.91	4.58	5.26	5.93	6.61
.54	1.22	1.89	2.57	3.24	80	3.92	4.59	5.27	5.94	6.62
.55	1.23	1.90	2.58	3.25	82	3.93	4.60	5.28	5.95	6.63
.57	1.25	1.92	2.60	3.27	84	3.95	4.62	5.30	5.97	6.65
.58	1.26	1.93	2.61	3.28	86	3.96	4.63	5.31	5.98	6.66
.59	1.27	1.94	2.62	3.29	88	3.97	4.64	5.32	5.99	6.67
.61	1.29	1.96	2.64	3.31	90	3.99	4.66	5.34	6.01	6.69
.62	1.30	1.97	2.65	3.32	92	4.00	4.67	5.35	6.02	6.70
.63	1.31	1.98	2.66	3.33	94	4.01	4.68	5.36	6.03	6.71
.65	1.33	2.00	2.68	3.35	96	4.03	4.70	5.38	6.05	6.73
.66	1.34	2.01	2.69	3.36	98	4.04	4.71	5.39	6.06	6.74

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
6.75	13.50	20.25	27.00		33.75	40.50	47.25	54.00	60.75
67.50	74.25	81.00	87.75	10	101.25	108.00	114.75	121.50	128.25
135.00	141.75	148.50	155.25	20	168.75	175.50	182.25	189.00	195.75

2



2 to 98	100	200	300	400	feet	500	600	700	800	900
.01	.70	1.40	2.10	2.80		3.50	4.20	4.90	5.60	6.30
.03	.71	1.41	2.11	2.81	2	3.51	4.21	4.91	5.61	6.31
.04	.73	1.43	2.13	2.83	4	3.53	4.23	4.93	5.63	6.33
.06	.74	1.44	2.14	2.84	6	3.54	4.24	4.94	5.64	6.34
.07	.76	1.46	2.16	2.86	8	3.56	4.26	4.96	5.66	6.36
.08	.77	1.47	2.17	2.87	10	3.57	4.27	4.97	5.67	6.37
.10	.78	1.48	2.18	2.88	12	3.58	4.28	4.98	5.68	6.38
.11	.80	1.50	2.20	2.90	14	3.60	4.30	5.00	5.70	6.40
.13	.81	1.51	2.21	2.91	16	3.61	4.31	5.01	5.71	6.41
.14	.83	1.53	2.23	2.93	18	3.63	4.33	5.03	5.73	6.43
.15	.84	1.54	2.24	2.94	20	3.64	4.34	5.04	5.74	6.44
.17	.85	1.55	2.25	2.95	22	3.65	4.35	5.05	5.75	6.45
.18	.87	1.57	2.27	2.97	24	3.67	4.37	5.07	5.77	6.47
.20	.88	1.58	2.28	2.98	26	3.68	4.38	5.08	5.78	6.48
.21	.90	1.60	2.30	3.00	28	3.70	4.40	5.10	5.80	6.50
.22	.91	1.61	2.31	3.01	30	3.71	4.41	5.11	5.81	6.51
.24	.92	1.62	2.32	3.02	32	3.72	4.42	5.12	5.82	6.52
.25	.94	1.64	2.34	3.04	34	3.74	4.44	5.14	5.84	6.54
.27	.95	1.65	2.35	3.05	36	3.75	4.45	5.15	5.85	6.55
.28	.97	1.67	2.37	3.07	38	3.77	4.47	5.17	5.87	6.57
.29	.98	1.68	2.38	3.08	40	3.78	4.48	5.18	5.88	6.58
.31	.99	1.69	2.39	3.09	42	3.79	4.49	5.19	5.89	6.59
.32	1.01	1.71	2.41	3.11	44	3.81	4.51	5.21	5.91	6.61
.34	1.02	1.72	2.42	3.12	46	3.82	4.52	5.22	5.92	6.62
.35	1.04	1.74	2.44	3.14	48	3.84	4.54	5.24	5.94	6.64
	1.05	1.75	2.45	3.15	50	3.85	4.55	5.25	5.95	6.65
2 to 98	100	200	300	400	feet	500	600	700	800	900
.36	1.06	1.76	2.46	3.16	52	3.86	4.56	5.26	5.96	6.66
.38	1.08	1.78	2.48	3.18	54	3.88	4.58	5.28	5.98	6.68
.39	1.09	1.79	2.49	3.19	56	3.89	4.59	5.29	5.99	6.69
.41	1.11	1.81	2.51	3.21	58	3.91	4.61	5.31	6.01	6.71
.42	1.12	1.82	2.52	3.22	60	3.92	4.62	5.32	6.02	6.72
.43	1.13	1.83	2.53	3.23	62	3.93	4.63	5.33	6.03	6.73
.45	1.15	1.85	2.55	3.25	64	3.95	4.65	5.35	6.05	6.75
.46	1.16	1.86	2.56	3.26	66	3.96	4.66	5.36	6.06	6.76
.48	1.18	1.88	2.58	3.28	68	3.98	4.68	5.38	6.08	6.78
.49	1.19	1.89	2.59	3.29	70	3.99	4.69	5.39	6.09	6.79
.50	1.20	1.90	2.60	3.30	72	4.00	4.70	5.40	6.10	6.80
.52	1.22	1.92	2.62	3.32	74	4.02	4.72	5.42	6.12	6.82
.53	1.23	1.93	2.63	3.33	76	4.03	4.73	5.43	6.13	6.83
.55	1.25	1.95	2.65	3.35	78	4.05	4.75	5.45	6.15	6.85
.56	1.26	1.96	2.66	3.36	80	4.06	4.76	5.46	6.16	6.86
.57	1.27	1.97	2.67	3.37	82	4.07	4.77	5.47	6.17	6.87
.59	1.29	1.99	2.69	3.39	84	4.09	4.79	5.49	6.19	6.89
.60	1.30	2.00	2.70	3.40	86	4.10	4.80	5.50	6.20	6.90
.62	1.32	2.02	2.72	3.42	88	4.12	4.82	5.52	6.22	6.92
.63	1.33	2.03	2.73	3.43	90	4.13	4.83	5.53	6.23	6.93
.64	1.34	2.04	2.74	3.44	92	4.14	4.84	5.54	6.24	6.94
.66	1.36	2.06	2.76	3.46	94	4.16	4.86	5.56	6.26	6.96
.67	1.37	2.07	2.77	3.47	96	4.17	4.87	5.57	6.27	6.97
.69	1.39	2.09	2.79	3.49	98	4.19	4.89	5.59	6.29	6.99

Above 1M.

M FEET					M	M FEET				
1	2	3	4			5	6	7	8	9
AMOUNT						AMOUNT				
7.00	14.00	21.00	28.00			35.00	42.00	49.00	56.00	63.00
70.00	77.00	84.00	91.00	98.00	10	105.00	112.00	119.00	126.00	133.00
140.00	147.00	154.00	161.00	168.00	20	175.00	182.00	189.00	196.00	203.00

72½c Per 100

\$7.25 Per M.

9

2 to 98	100	200	300	400	feet	500	600	700	800	900
	.73	1.45	2.18	2.90		3.63	4.35	5.08	5.80	6.53
.01	.74	1.46	2.19	2.91	2	3.64	4.36	5.09	5.81	6.54
.03	.75	1.48	2.20	2.93	4	3.65	4.38	5.10	5.83	6.55
.04	.77	1.49	2.22	2.94	6	3.67	4.39	5.12	5.84	6.57
.06	.78	1.51	2.23	2.96	8	3.68	4.41	5.13	5.86	6.58
.07	.80	1.52	2.25	2.97	10	3.70	4.42	5.15	5.87	6.60
.09	.81	1.54	2.26	2.99	12	3.71	4.44	5.16	5.89	6.61
.10	.83	1.55	2.28	3.00	14	3.73	4.45	5.18	5.90	6.63
.12	.84	1.57	2.29	3.02	16	3.74	4.47	5.19	5.92	6.64
.13	.86	1.58	2.31	3.03	18	3.76	4.48	5.21	5.93	6.66
.15	.87	1.60	2.32	3.05	20	3.77	4.50	5.22	5.95	6.67
.16	.88	1.61	2.33	3.06	22	3.78	4.51	5.23	5.96	6.68
.17	.90	1.62	2.35	3.07	24	3.80	4.52	5.25	5.97	6.70
.19	.91	1.64	2.36	3.09	26	3.81	4.54	5.26	5.99	6.71
.20	.93	1.65	2.38	3.10	28	3.83	4.55	5.28	6.00	6.73
.22	.94	1.67	2.39	3.12	30	3.84	4.57	5.29	6.02	6.74
.23	.96	1.68	2.41	3.13	32	3.86	4.58	5.31	6.03	6.76
.25	.97	1.70	2.42	3.15	34	3.87	4.60	5.32	6.05	6.77
.26	.99	1.71	2.44	3.16	36	3.89	4.61	5.34	6.06	6.79
.28	1.00	1.73	2.45	3.18	38	3.90	4.63	5.35	6.08	6.80
.29	1.02	1.74	2.47	3.19	40	3.92	4.64	5.37	6.09	6.82
.30	1.03	1.75	2.48	3.20	42	3.93	4.65	5.38	6.10	6.83
.32	1.04	1.77	2.49	3.22	44	3.94	4.67	5.39	6.12	6.84
.33	1.06	1.78	2.51	3.23	46	3.96	4.68	5.41	6.13	6.86
.35	1.07	1.80	2.52	3.25	48	3.97	4.70	5.42	6.15	6.87
.36	1.09	1.81	2.54	3.26	50	3.99	4.71	5.44	6.16	6.89

2 to 98	100	200	300	400	feet	500	600	700	800	900
.38	1.10	1.83	2.55	3.28	52	4.00	4.73	5.45	6.18	6.90
.39	1.12	1.84	2.57	3.29	54	4.02	4.74	5.47	6.19	6.92
.41	1.13	1.86	2.58	3.31	56	4.03	4.76	5.48	6.21	6.93
.42	1.15	1.87	2.60	3.32	58	4.05	4.77	5.50	6.22	6.95
.44	1.16	1.89	2.61	3.34	60	4.06	4.79	5.51	6.24	6.96
.45	1.17	1.90	2.62	3.35	62	4.07	4.80	5.52	6.25	6.97
.46	1.19	1.91	2.64	3.36	64	4.09	4.81	5.54	6.26	6.99
.48	1.20	1.93	2.65	3.38	66	4.10	4.83	5.55	6.28	7.00
.49	1.22	1.94	2.67	3.39	68	4.12	4.84	5.57	6.29	7.02
.51	1.23	1.96	2.68	3.41	70	4.13	4.86	5.58	6.31	7.03
.52	1.25	1.97	2.70	3.42	72	4.15	4.87	5.60	6.32	7.05
.54	1.26	1.99	2.71	3.44	74	4.16	4.89	5.61	6.34	7.06
.55	1.28	2.00	2.73	3.45	76	4.18	4.90	5.63	6.35	7.08
.57	1.29	2.02	2.74	3.47	78	4.19	4.92	5.64	6.37	7.09
.58	1.31	2.03	2.76	3.48	80	4.21	4.93	5.66	6.38	7.11
.59	1.32	2.04	2.77	3.49	82	4.22	4.94	5.67	6.39	7.12
.61	1.33	2.06	2.78	3.51	84	4.23	4.96	5.68	6.41	7.13
.62	1.35	2.07	2.80	3.52	86	4.25	4.97	5.70	6.42	7.15
.64	1.36	2.09	2.81	3.54	88	4.26	4.99	5.71	6.44	7.16
.65	1.38	2.10	2.83	3.55	90	4.28	5.00	5.73	6.45	7.18
.67	1.39	2.12	2.84	3.57	92	4.29	5.02	5.74	6.47	7.19
.68	1.41	2.13	2.86	3.58	94	4.31	5.03	5.76	6.48	7.21
.70	1.42	2.15	2.87	3.60	96	4.32	5.05	5.77	6.50	7.22
.71	1.44	2.16	2.89	3.61	98	4.34	5.06	5.79	6.51	7.24

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
72.50	79.75	87.00	94.25	101.50	108.75	116.00	123.25	130.50	137.75
145.00	152.25	159.50	166.75	174.00	181.25	188.50	195.75	203.00	210.25

\$10

\$11

\$12

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\$18

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\$20

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.75	1.50	2.25	3.00			3.75	4.50	5.25	6.00	6.75
.02	.77	1.52	2.27	3.02	2	3.77	4.52	5.27	6.02	6.77
.03	.78	1.53	2.28	3.03	4	3.78	4.53	5.28	6.03	6.78
.05	.80	1.55	2.30	3.05	6	3.80	4.55	5.30	6.05	6.80
.06	.81	1.56	2.31	3.06	8	3.81	4.56	5.31	6.06	6.81
.08	.83	1.58	2.33	3.08	10	3.83	4.58	5.33	6.08	6.83
.09	.84	1.59	2.34	3.09	12	3.84	4.59	5.34	6.09	6.84
.11	.86	1.61	2.36	3.11	14	3.86	4.61	5.36	6.11	6.86
.12	.87	1.62	2.37	3.12	16	3.87	4.62	5.37	6.12	6.87
.14	.89	1.64	2.39	3.14	18	3.89	4.64	5.39	6.14	6.89
.15	.90	1.65	2.40	3.15	20	3.90	4.65	5.40	6.15	6.90
.17	.92	1.67	2.42	3.17	22	3.92	4.67	5.42	6.17	6.92
.18	.93	1.68	2.43	3.18	24	3.93	4.68	5.43	6.18	6.93
.20	.95	1.70	2.45	3.20	26	3.95	4.70	5.45	6.20	6.95
.21	.96	1.71	2.46	3.21	28	3.96	4.71	5.46	6.21	6.96
.23	.98	1.73	2.48	3.23	30	3.98	4.73	5.48	6.23	6.98
.24	.99	1.74	2.49	3.24	32	3.99	4.74	5.49	6.24	6.99
.26	1.01	1.76	2.51	3.26	34	4.01	4.76	5.51	6.26	7.01
.27	1.02	1.77	2.52	3.27	36	4.02	4.77	5.52	6.27	7.02
.29	1.04	1.79	2.54	3.29	38	4.04	4.79	5.54	6.29	7.04
.30	1.05	1.80	2.55	3.30	40	4.05	4.80	5.55	6.30	7.05
.32	1.07	1.82	2.57	3.32	42	4.07	4.82	5.57	6.32	7.07
.33	1.08	1.83	2.58	3.33	44	4.08	4.83	5.58	6.33	7.08
.35	1.10	1.85	2.60	3.35	46	4.10	4.85	5.60	6.35	7.10
.36	1.11	1.86	2.61	3.36	48	4.11	4.86	5.61	6.36	7.11
.38	1.13	1.88	2.63	3.38	50	4.13	4.88	5.63	6.38	7.13

2 to 98	100	200	300	400	feet	500	600	700	800	900
.39	1.14	1.89	2.64	3.39	52	4.14	4.89	5.64	6.39	7.14
.41	1.16	1.91	2.66	3.41	54	4.16	4.91	5.66	6.41	7.16
.42	1.17	1.92	2.67	3.42	56	4.17	4.92	5.67	6.42	7.17
.44	1.19	1.94	2.69	3.44	58	4.19	4.94	5.69	6.44	7.19
.45	1.20	1.95	2.70	3.45	60	4.20	4.95	5.70	6.45	7.20
.47	1.22	1.97	2.72	3.47	62	4.22	4.97	5.72	6.47	7.22
.48	1.23	1.98	2.73	3.48	64	4.23	4.98	5.73	6.48	7.23
.50	1.25	2.00	2.75	3.50	66	4.25	5.00	5.75	6.50	7.25
.51	1.26	2.01	2.76	3.51	68	4.26	5.01	5.76	6.51	7.26
.53	1.28	2.03	2.78	3.53	70	4.28	5.03	5.78	6.53	7.28
.54	1.29	2.04	2.79	3.54	72	4.29	5.04	5.79	6.54	7.29
.56	1.31	2.06	2.81	3.56	74	4.31	5.06	5.81	6.56	7.31
.57	1.32	2.07	2.82	3.57	76	4.32	5.07	5.82	6.57	7.32
.59	1.34	2.09	2.84	3.59	78	4.34	5.09	5.84	6.59	7.34
.60	1.35	2.10	2.85	3.60	80	4.35	5.10	5.85	6.60	7.35
.62	1.37	2.12	2.87	3.62	82	4.37	5.12	5.87	6.62	7.37
.63	1.38	2.13	2.88	3.63	84	4.38	5.13	5.88	6.63	7.38
.65	1.40	2.15	2.90	3.65	86	4.40	5.15	5.90	6.65	7.40
.66	1.41	2.16	2.91	3.66	88	4.41	5.16	5.91	6.66	7.41
.68	1.43	2.18	2.93	3.68	90	4.43	5.18	5.93	6.68	7.43
.69	1.44	2.19	2.94	3.69	92	4.44	5.19	5.94	6.69	7.44
.71	1.46	2.21	2.96	3.71	94	4.46	5.21	5.96	6.71	7.46
.72	1.47	2.22	2.97	3.72	96	4.47	5.22	5.97	6.72	7.47
.74	1.49	2.24	2.99	3.74	98	4.49	5.24	5.99	6.74	7.49

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
75.00	7.50	15.00	22.50	30.00	37.50	45.00	52.50	60.00	67.50
82.50	15.00	30.00	45.00	60.00	75.00	90.00	105.00	120.00	135.00
150.00	157.50	165.00	172.50	180.00	187.50	195.00	202.50	210.00	217.50

77½c Per 100

\$7.75 Per M.

11

2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	.78	1.55	2.33	3.10	2	3.88	4.65	5.43	6.20	6.98
.03	.79	1.57	2.34	3.12	4	3.89	4.67	5.44	6.22	6.99
.05	.81	1.58	2.36	3.13	6	3.91	4.68	5.46	6.23	7.01
.06	.82	1.60	2.37	3.15	8	3.92	4.70	5.47	6.25	7.02
.08	.84	1.61	2.39	3.16	10	3.94	4.71	5.49	6.26	7.04
.09	.85	1.63	2.40	3.18	12	3.95	4.73	5.50	6.28	7.05
.11	.87	1.64	2.42	3.19	14	3.97	4.74	5.52	6.29	7.07
.12	.88	1.66	2.43	3.21	16	3.98	4.76	5.53	6.31	7.08
.14	.90	1.67	2.45	3.22	18	4.00	4.77	5.55	6.32	7.10
.16	.91	1.69	2.46	3.24	20	4.01	4.79	5.56	6.34	7.11
.17	.93	1.71	2.48	3.26	22	4.03	4.81	5.58	6.36	7.13
.19	.95	1.72	2.50	3.27	24	4.05	4.82	5.60	6.37	7.15
.20	.96	1.74	2.51	3.29	26	4.06	4.84	5.61	6.39	7.16
.22	.98	1.75	2.53	3.30	28	4.08	4.85	5.63	6.40	7.18
.23	.99	1.77	2.54	3.32	30	4.09	4.87	5.64	6.42	7.19
.25	1.01	1.78	2.56	3.33	32	4.11	4.88	5.66	6.43	7.21
.26	1.02	1.80	2.57	3.35	34	4.12	4.90	5.67	6.45	7.22
.28	1.04	1.81	2.59	3.36	36	4.14	4.91	5.69	6.46	7.24
.29	1.05	1.83	2.60	3.38	38	4.15	4.93	5.70	6.48	7.25
.31	1.07	1.84	2.62	3.39	40	4.17	4.94	5.72	6.49	7.27
.33	1.09	1.86	2.64	3.41	42	4.19	4.96	5.74	6.51	7.29
.34	1.10	1.88	2.65	3.43	44	4.20	4.98	5.75	6.53	7.30
.36	1.12	1.89	2.67	3.44	46	4.22	4.99	5.77	6.54	7.32
.37	1.13	1.91	2.68	3.46	48	4.23	5.01	5.78	6.56	7.33
.39	1.15	1.92	2.70	3.47	50	4.25	5.02	5.80	6.57	7.35
.39	1.16	1.94	2.71	3.49	50	4.26	5.04	5.81	6.59	7.36

2 to 98	100	200	300	400	feet	500	600	700	800	900
.40	1.18	1.95	2.73	3.50	52	4.28	5.05	5.83	6.60	7.38
.42	1.19	1.97	2.74	3.52	54	4.29	5.07	5.84	6.62	7.39
.43	1.21	1.98	2.76	3.53	56	4.31	5.08	5.86	6.63	7.41
.45	1.22	2.00	2.77	3.55	58	4.32	5.10	5.87	6.65	7.42
.47	1.24	2.02	2.79	3.57	60	4.34	5.12	5.89	6.67	7.44
.48	1.26	2.03	2.81	3.58	62	4.36	5.13	5.91	6.68	7.46
.50	1.27	2.05	2.82	3.60	64	4.37	5.15	5.92	6.70	7.47
.51	1.29	2.06	2.84	3.61	66	4.39	5.16	5.94	6.71	7.49
.53	1.30	2.08	2.85	3.63	68	4.40	5.18	5.95	6.73	7.50
.54	1.32	2.09	2.87	3.64	70	4.42	5.19	5.97	6.74	7.52
.56	1.33	2.11	2.88	3.66	72	4.43	5.21	5.98	6.76	7.53
.57	1.35	2.12	2.90	3.67	74	4.45	5.22	6.00	6.77	7.55
.59	1.36	2.14	2.91	3.69	76	4.46	5.24	6.01	6.79	7.56
.60	1.38	2.15	2.93	3.70	78	4.48	5.25	6.03	6.80	7.58
.62	1.40	2.17	2.95	3.72	80	4.50	5.27	6.05	6.82	7.60
.64	1.41	2.19	2.96	3.74	82	4.51	5.29	6.06	6.84	7.61
.65	1.43	2.20	2.98	3.75	84	4.53	5.30	6.08	6.85	7.63
.67	1.44	2.22	2.99	3.77	86	4.54	5.32	6.09	6.87	7.64
.68	1.46	2.23	3.01	3.78	88	4.56	5.33	6.11	6.88	7.66
.70	1.47	2.25	3.02	3.80	90	4.57	5.35	6.12	6.90	7.67
.71	1.49	2.26	3.04	3.81	92	4.59	5.36	6.14	6.91	7.69
.73	1.50	2.28	3.05	3.83	94	4.60	5.38	6.15	6.93	7.70
.74	1.52	2.29	3.07	3.84	96	4.62	5.39	6.17	6.94	7.72
.76	1.53	2.31	3.08	3.86	98	4.63	5.41	6.18	6.96	7.73

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
7.75	15.50	23.25	31.00	38.75	46.50	54.25	62.00	69.75	
77.50	85.25	93.00	100.75	108.50	116.25	124.00	131.75	139.50	147.25
155.00	162.75	170.50	178.25	186.00	193.75	201.50	209.25	217.00	224.75



2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	.80	1.60	2.40	3.20	2	4.00	4.80	5.60	6.40	7.20
.03	.82	1.62	2.42	3.22	4	4.02	4.82	5.62	6.42	7.22
.05	.83	1.63	2.43	3.23	6	4.03	4.83	5.63	6.43	7.23
.06	.85	1.65	2.45	3.25	8	4.05	4.85	5.65	6.45	7.25
.08	.86	1.66	2.46	3.26	10	4.06	4.86	5.66	6.46	7.26
.10	.88	1.68	2.48	3.28	12	4.08	4.88	5.68	6.48	7.28
.11	.90	1.70	2.50	3.30	14	4.10	4.90	5.70	6.50	7.30
.13	.91	1.71	2.51	3.31	16	4.11	4.91	5.71	6.51	7.31
.14	.93	1.73	2.53	3.33	18	4.13	4.93	5.73	6.53	7.33
.16	.94	1.74	2.54	3.34	20	4.14	4.94	5.74	6.54	7.34
.18	.96	1.76	2.56	3.36	22	4.16	4.96	5.76	6.56	7.36
.19	.98	1.78	2.58	3.38	24	4.18	4.98	5.78	6.58	7.38
.21	.99	1.79	2.59	3.39	26	4.19	4.99	5.79	6.59	7.39
.22	1.01	1.81	2.61	3.41	28	4.21	5.01	5.81	6.61	7.41
.24	1.02	1.82	2.62	3.42	30	4.22	5.02	5.82	6.62	7.42
.26	1.04	1.84	2.64	3.44	32	4.24	5.04	5.84	6.64	7.44
.27	1.06	1.86	2.66	3.46	34	4.26	5.06	5.86	6.66	7.46
.29	1.07	1.87	2.67	3.47	36	4.27	5.07	5.87	6.67	7.47
.30	1.09	1.89	2.69	3.49	38	4.29	5.09	5.89	6.69	7.49
.32	1.10	1.90	2.70	3.50	40	4.30	5.10	5.90	6.70	7.50
.34	1.12	1.92	2.72	3.52	42	4.32	5.12	5.92	6.72	7.52
.35	1.14	1.94	2.74	3.54	44	4.34	5.14	5.94	6.74	7.54
.37	1.15	1.95	2.75	3.55	46	4.35	5.15	5.95	6.75	7.55
.38	1.17	1.97	2.77	3.57	48	4.37	5.17	5.97	6.77	7.57
.40	1.18	1.98	2.78	3.58	50	4.38	5.18	5.98	6.78	7.58
.42	1.20	2.00	2.80	3.60		4.40	5.20	6.00	6.80	7.60

2 to 98	100	200	300	400	feet	500	600	700	800	900
.42	1.22	2.02	2.82	3.62	52	4.42	5.22	6.02	6.82	7.62
.43	1.23	2.03	2.83	3.63	54	4.43	5.23	6.03	6.83	7.63
.45	1.25	2.05	2.85	3.65	56	4.45	5.25	6.05	6.85	7.65
.46	1.26	2.06	2.86	3.66	58	4.46	5.26	6.06	6.86	7.66
.48	1.28	2.08	2.88	3.68	60	4.48	5.28	6.08	6.88	7.68
.50	1.30	2.10	2.90	3.70	62	4.50	5.30	6.10	6.90	7.70
.51	1.31	2.11	2.91	3.71	64	4.51	5.31	6.11	6.91	7.71
.53	1.33	2.13	2.93	3.73	66	4.53	5.33	6.13	6.93	7.73
.54	1.34	2.14	2.94	3.74	68	4.54	5.34	6.14	6.94	7.74
.56	1.36	2.16	2.96	3.76	70	4.56	5.36	6.16	6.96	7.76
.58	1.38	2.18	2.98	3.78	72	4.58	5.38	6.18	6.98	7.78
.59	1.39	2.19	2.99	3.79	74	4.59	5.39	6.19	6.99	7.79
.61	1.41	2.21	3.01	3.81	76	4.61	5.41	6.21	7.01	7.81
.62	1.42	2.22	3.02	3.82	78	4.62	5.42	6.22	7.02	7.82
.64	1.44	2.24	3.04	3.84	80	4.64	5.44	6.24	7.04	7.84
.66	1.46	2.26	3.06	3.86	82	4.66	5.46	6.26	7.06	7.86
.67	1.47	2.27	3.07	3.87	84	4.67	5.47	6.27	7.07	7.87
.69	1.49	2.29	3.09	3.89	86	4.69	5.49	6.29	7.09	7.89
.70	1.50	2.30	3.10	3.90	88	4.70	5.50	6.30	7.10	7.90
.72	1.52	2.32	3.12	3.92	90	4.72	5.52	6.32	7.12	7.92
.74	1.54	2.34	3.14	3.94	92	4.74	5.54	6.34	7.14	7.94
.75	1.55	2.35	3.15	3.95	94	4.75	5.55	6.35	7.15	7.95
.77	1.57	2.37	3.17	3.97	96	4.77	5.57	6.37	7.17	7.97
.78	1.58	2.38	3.18	3.98	98	4.78	5.58	6.38	7.18	7.98

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
80.00	88.00	16.00	24.00	32.00	40.00	48.00	56.00	64.00	72.00
80.00	88.00	96.00	104.00	112.00	120.00	128.00	136.00	144.00	152.00
160.00	168.00	176.00	184.00	192.00	200.00	208.00	216.00	224.00	232.00

82½c Per 100

\$8.25 Per M.

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2 to 98	100	200	300	400 feet	500	600	700	800	900
.02	.83	1.65	2.48	3.30	4.13	4.95	5.78	6.60	7.43
.03	.84	1.67	2.49	3.32	4.14	4.97	5.79	6.62	7.44
.05	.86	1.68	2.51	3.33	4.16	4.98	5.81	6.63	7.46
.07	.87	1.70	2.52	3.35	4.17	5.00	5.82	6.65	7.47
.08	.89	1.72	2.54	3.37	4.19	5.02	5.84	6.67	7.49
.10	.91	1.73	2.56	3.38	4.21	5.03	5.86	6.68	7.51
.12	.92	1.75	2.57	3.40	4.22	5.05	5.87	6.70	7.52
.13	.94	1.77	2.59	3.42	4.24	5.07	5.89	6.72	7.54
.15	.96	1.78	2.61	3.43	4.26	5.08	5.91	6.73	7.56
.17	.97	1.80	2.62	3.45	4.27	5.10	5.92	6.75	7.57
.18	.99	1.82	2.64	3.47	4.29	5.12	5.94	6.77	7.59
.20	1.01	1.83	2.66	3.48	4.31	5.13	5.96	6.78	7.61
.21	1.02	1.85	2.67	3.50	4.32	5.15	5.97	6.80	7.62
.23	1.04	1.86	2.69	3.51	4.34	5.16	5.99	6.81	7.64
.25	1.06	1.88	2.71	3.53	4.36	5.18	6.01	6.83	7.66
.26	1.07	1.90	2.72	3.55	4.37	5.20	6.02	6.85	7.67
.28	1.09	1.91	2.74	3.56	4.39	5.21	6.04	6.86	7.69
.30	1.11	1.93	2.76	3.58	4.41	5.23	6.06	6.88	7.71
.31	1.12	1.95	2.77	3.60	4.42	5.25	6.07	6.90	7.72
.33	1.14	1.96	2.79	3.61	4.44	5.26	6.09	6.91	7.74
.35	1.16	1.98	2.81	3.63	4.46	5.28	6.11	6.93	7.76
.36	1.17	2.00	2.82	3.65	4.47	5.30	6.12	6.95	7.77
.38	1.19	2.01	2.84	3.66	4.49	5.31	6.14	6.96	7.79
.40	1.20	2.03	2.85	3.68	4.50	5.33	6.15	6.98	7.80
.41	1.22	2.05	2.87	3.70	4.52	5.35	6.17	7.00	7.82
.41	1.24	2.06	2.89	3.71	4.54	5.36	6.19	7.01	7.84

2 to 98	100	200	300	400 feet	500	600	700	800	900
.43	1.25	2.08	2.90	3.73	4.55	5.38	6.20	7.03	7.85
.45	1.27	2.10	2.92	3.75	4.57	5.40	6.22	7.05	7.87
.46	1.29	2.11	2.94	3.76	4.59	5.41	6.24	7.06	7.89
.48	1.30	2.13	2.95	3.78	4.60	5.43	6.25	7.08	7.90
.50	1.32	2.15	2.97	3.80	4.62	5.45	6.27	7.10	7.92
.51	1.34	2.16	2.99	3.81	4.64	5.46	6.29	7.11	7.94
.53	1.35	2.18	3.00	3.83	4.65	5.48	6.30	7.13	7.95
.54	1.37	2.19	3.02	3.84	4.67	5.49	6.32	7.14	7.97
.56	1.39	2.21	3.04	3.86	4.69	5.51	6.34	7.16	7.99
.58	1.40	2.23	3.05	3.88	4.70	5.53	6.35	7.18	8.00
.59	1.42	2.24	3.07	3.89	4.72	5.54	6.37	7.19	8.02
.61	1.44	2.26	3.09	3.91	4.74	5.56	6.39	7.21	8.04
.63	1.45	2.28	3.10	3.93	4.75	5.58	6.40	7.23	8.05
.64	1.47	2.29	3.12	3.94	4.77	5.59	6.42	7.24	8.07
.66	1.49	2.31	3.14	3.96	4.79	5.61	6.44	7.26	8.09
.68	1.50	2.33	3.15	3.98	4.80	5.63	6.45	7.28	8.10
.69	1.52	2.34	3.17	3.99	4.82	5.64	6.47	7.29	8.12
.71	1.53	2.36	3.18	4.01	4.83	5.66	6.48	7.31	8.13
.73	1.55	2.38	3.20	4.03	4.85	5.68	6.50	7.33	8.15
.74	1.57	2.39	3.22	4.04	4.87	5.69	6.52	7.34	8.17
.76	1.58	2.41	3.23	4.06	4.88	5.71	6.53	7.36	8.18
.78	1.60	2.43	3.25	4.08	4.90	5.73	6.55	7.38	8.20
.79	1.62	2.44	3.27	4.09	4.92	5.74	6.57	7.39	8.22
.81	1.63	2.46	3.28	4.11	4.93	5.76	6.58	7.41	8.23

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
8.25	16.50	24.75	33.00		41.25	49.50	57.75	66.00	74.25
82.50	90.75	99.00	107.25	115.50	123.75	132.00	140.25	148.50	156.75
165.00	173.25	181.50	189.75	198.00	206.25	214.50	222.75	231.00	239.25

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\$31



ft to in	100	200	300	400	feet	500	600	700	800	900
.02	.85	1.70	2.55	3.40	2	4.25	5.10	5.95	6.80	7.65
.03	.87	1.72	2.57	3.42	4	4.27	5.12	5.97	6.82	7.67
.05	.88	1.73	2.58	3.43	6	4.28	5.13	5.98	6.83	7.68
.07	.90	1.75	2.60	3.45	8	4.30	5.15	6.00	6.85	7.70
.09	.92	1.77	2.62	3.47	10	4.32	5.17	6.02	6.87	7.72
.10	.94	1.79	2.64	3.49	12	4.34	5.19	6.04	6.89	7.74
.12	.95	1.80	2.65	3.50	14	4.35	5.20	6.05	6.90	7.75
.14	.97	1.82	2.67	3.52	16	4.37	5.22	6.07	6.92	7.77
.15	.99	1.84	2.69	3.54	18	4.39	5.24	6.09	6.94	7.79
.17	1.00	1.85	2.70	3.55	20	4.40	5.25	6.10	6.95	7.80
.19	1.02	1.87	2.72	3.57	22	4.42	5.27	6.12	6.97	7.82
.20	1.04	1.89	2.74	3.59	24	4.44	5.29	6.14	6.99	7.84
.22	1.05	1.90	2.75	3.60	26	4.45	5.30	6.15	7.00	7.85
.24	1.07	1.92	2.77	3.62	28	4.47	5.32	6.17	7.02	7.87
.26	1.09	1.94	2.79	3.64	30	4.49	5.34	6.19	7.04	7.89
.27	1.11	1.96	2.81	3.66	32	4.51	5.36	6.21	7.06	7.91
.29	1.12	1.97	2.82	3.67	34	4.52	5.37	6.22	7.07	7.92
.31	1.14	1.99	2.84	3.69	36	4.54	5.39	6.24	7.09	7.94
.32	1.16	2.01	2.86	3.71	38	4.56	5.41	6.26	7.11	7.96
.34	1.17	2.02	2.87	3.72	40	4.57	5.42	6.27	7.12	7.97
.36	1.19	2.04	2.89	3.74	42	4.59	5.44	6.29	7.14	7.99
.37	1.21	2.06	2.91	3.76	44	4.61	5.46	6.31	7.16	8.01
.39	1.22	2.07	2.92	3.77	46	4.62	5.47	6.32	7.17	8.02
.41	1.24	2.09	2.94	3.79	48	4.64	5.49	6.34	7.19	8.04
.43	1.26	2.11	2.96	3.81	50	4.66	5.51	6.36	7.21	8.06
.43	1.28	2.13	2.98	3.83	50	4.68	5.53	6.38	7.23	8.08

ft to in	100	200	300	400	feet	500	600	700	800	900
.44	1.29	2.14	2.99	3.84	52	4.69	5.54	6.39	7.24	8.09
.46	1.31	2.16	3.01	3.86	54	4.71	5.56	6.41	7.26	8.11
.48	1.33	2.18	3.03	3.88	56	4.73	5.58	6.43	7.28	8.13
.49	1.34	2.19	3.04	3.89	58	4.74	5.59	6.44	7.29	8.14
.51	1.36	2.21	3.06	3.91	60	4.76	5.61	6.46	7.31	8.16
.53	1.38	2.23	3.08	3.93	62	4.78	5.63	6.48	7.33	8.18
.54	1.39	2.24	3.09	3.94	64	4.79	5.64	6.49	7.34	8.19
.56	1.41	2.26	3.11	3.96	66	4.81	5.66	6.51	7.36	8.21
.58	1.43	2.28	3.13	3.98	68	4.83	5.68	6.53	7.38	8.23
.60	1.45	2.30	3.15	4.00	70	4.85	5.70	6.55	7.40	8.25
.61	1.46	2.31	3.16	4.01	72	4.86	5.71	6.56	7.41	8.26
.63	1.48	2.33	3.18	4.03	74	4.88	5.73	6.58	7.43	8.28
.65	1.50	2.35	3.20	4.05	76	4.90	5.75	6.60	7.45	8.30
.66	1.51	2.36	3.21	4.06	78	4.91	5.76	6.61	7.46	8.31
.68	1.53	2.38	3.23	4.08	80	4.93	5.78	6.63	7.48	8.33
.70	1.55	2.40	3.25	4.10	82	4.95	5.80	6.65	7.50	8.35
.71	1.56	2.41	3.26	4.11	84	4.96	5.81	6.66	7.51	8.36
.73	1.58	2.43	3.28	4.13	86	4.98	5.83	6.68	7.53	8.38
.75	1.60	2.45	3.30	4.15	88	5.00	5.85	6.70	7.55	8.40
.77	1.62	2.47	3.32	4.17	90	5.02	5.87	6.72	7.57	8.42
.78	1.63	2.48	3.33	4.18	92	5.03	5.88	6.73	7.58	8.43
.80	1.65	2.50	3.35	4.20	94	5.05	5.90	6.75	7.60	8.45
.82	1.67	2.52	3.37	4.22	96	5.07	5.92	6.77	7.62	8.47
.83	1.68	2.53	3.38	4.23	98	5.08	5.93	6.78	7.63	8.48

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
85.00	8.50	17.00	25.50	34.00	42.50	51.00	59.50	68.00	76.50
85.00	93.50	102.00	110.50	119.00	127.50	136.00	144.50	153.00	161.50
170.00	178.50	187.00	195.50	204.00	212.50	221.00	229.50	238.00	246.50

87½c Per 100

\$8.75 Per M.

15

to 98	100	200	300	400 feet	500	600	700	800	900
1.02	.88	1.75	2.63	3.50	4.38	5.25	6.13	7.00	7.88
1.04	.89	1.77	2.64	3.52	4.39	5.27	6.14	7.02	7.89
1.05	.91	1.79	2.66	3.54	4.41	5.29	6.16	7.04	7.91
1.07	.93	1.80	2.68	3.55	4.43	5.30	6.18	7.05	7.93
1.09	.95	1.82	2.70	3.57	4.45	5.32	6.20	7.07	7.95
1.11	.96	1.84	2.71	3.59	4.46	5.34	6.21	7.09	7.96
1.12	.98	1.86	2.73	3.61	4.48	5.36	6.23	7.11	7.98
1.14	1.00	1.87	2.75	3.62	4.50	5.37	6.25	7.12	8.00
1.16	1.02	1.89	2.77	3.64	4.52	5.39	6.27	7.14	8.02
1.18	1.03	1.91	2.78	3.66	4.53	5.41	6.28	7.16	8.03
1.19	1.05	1.93	2.80	3.68	4.55	5.43	6.30	7.18	8.05
1.21	1.07	1.94	2.82	3.69	4.57	5.44	6.32	7.19	8.07
1.23	1.09	1.96	2.84	3.71	4.59	5.46	6.34	7.21	8.09
1.25	1.10	1.98	2.85	3.73	4.60	5.48	6.35	7.23	8.10
1.26	1.12	2.00	2.87	3.75	4.62	5.50	6.37	7.25	8.12
1.28	1.14	2.01	2.89	3.76	4.64	5.51	6.39	7.26	8.14
1.30	1.16	2.03	2.91	3.78	4.66	5.53	6.41	7.28	8.16
1.32	1.17	2.05	2.92	3.80	4.67	5.55	6.42	7.30	8.17
1.33	1.19	2.07	2.94	3.82	4.69	5.57	6.44	7.32	8.19
1.35	1.21	2.08	2.96	3.83	4.71	5.58	6.46	7.33	8.21
1.37	1.23	2.10	2.98	3.85	4.73	5.60	6.48	7.35	8.23
1.39	1.24	2.12	2.99	3.87	4.74	5.62	6.49	7.37	8.24
1.40	1.26	2.14	3.01	3.89	4.76	5.64	6.51	7.39	8.26
1.42	1.28	2.15	3.03	3.90	4.78	5.65	6.53	7.40	8.28
1.44	1.30	2.17	3.05	3.92	4.80	5.67	6.55	7.42	8.30
1.46	1.31	2.19	3.06	3.94	4.81	5.69	6.56	7.44	8.31

to 98	100	200	300	400 feet	500	600	700	800	900
1.46	1.33	2.21	3.08	3.96	4.83	5.71	6.58	7.46	8.33
1.47	1.35	2.22	3.10	3.97	4.85	5.72	6.60	7.47	8.35
1.49	1.37	2.24	3.12	3.99	4.87	5.74	6.62	7.49	8.37
1.51	1.38	2.26	3.13	4.01	4.88	5.76	6.63	7.51	8.38
1.53	1.40	2.28	3.15	4.03	4.90	5.78	6.65	7.53	8.40
1.54	1.42	2.29	3.17	4.04	4.92	5.79	6.67	7.54	8.42
1.56	1.44	2.31	3.19	4.06	4.94	5.81	6.69	7.56	8.44
1.58	1.45	2.33	3.20	4.08	4.95	5.83	6.70	7.58	8.45
1.60	1.47	2.35	3.22	4.10	4.97	5.85	6.72	7.60	8.47
1.61	1.49	2.36	3.24	4.11	4.99	5.86	6.74	7.61	8.49
1.63	1.51	2.38	3.26	4.13	5.01	5.88	6.76	7.63	8.51
1.65	1.52	2.40	3.27	4.15	5.02	5.90	6.77	7.65	8.52
1.67	1.54	2.42	3.29	4.17	5.04	5.92	6.79	7.67	8.54
1.68	1.56	2.43	3.31	4.18	5.06	5.93	6.81	7.68	8.56
1.70	1.58	2.45	3.33	4.20	5.08	5.95	6.83	7.70	8.58
1.72	1.59	2.47	3.34	4.22	5.09	5.97	6.84	7.72	8.59
1.74	1.61	2.49	3.36	4.24	5.11	5.99	6.86	7.74	8.61
1.75	1.63	2.50	3.38	4.25	5.13	6.00	6.88	7.75	8.63
1.77	1.65	2.52	3.40	4.27	5.15	6.02	6.90	7.77	8.65
1.79	1.66	2.54	3.41	4.29	5.16	6.04	6.91	7.79	8.66
1.81	1.68	2.56	3.43	4.31	5.18	6.06	6.93	7.81	8.68
1.82	1.70	2.57	3.45	4.32	5.20	6.07	6.95	7.82	8.70
1.84	1.72	2.59	3.47	4.34	5.22	6.09	6.97	7.84	8.72
1.86	1.73	2.61	3.48	4.36	5.23	6.11	6.98	7.86	8.73

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
87.50	8.75	17.50	26.25	35.00	43.75	52.50	61.25	70.00	78.75
105.00	108.25	117.50	126.25	135.00	143.75	152.50	161.25	170.00	178.75
175.00	183.75	192.50	201.25	210.00	218.75	227.50	236.25	245.00	253.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
98	1.90	1.80	2.70	3.60		4.50	5.40	6.30	7.20	8.10
92	1.92	1.82	2.72	3.62	2	4.52	5.42	6.32	7.22	8.12
84	1.94	1.84	2.74	3.64	4	4.54	5.44	6.34	7.24	8.14
76	1.95	1.85	2.75	3.65	6	4.55	5.45	6.35	7.25	8.15
68	1.97	1.87	2.77	3.67	8	4.57	5.47	6.37	7.27	8.17
60	1.99	1.89	2.79	3.69	10	4.59	5.49	6.39	7.29	8.19
52	1.01	1.91	2.81	3.71	12	4.61	5.51	6.41	7.31	8.21
44	1.03	1.93	2.83	3.73	14	4.63	5.53	6.43	7.33	8.23
36	1.04	1.94	2.84	3.74	16	4.64	5.54	6.44	7.34	8.24
28	1.06	1.96	2.86	3.76	18	4.66	5.56	6.46	7.36	8.26
20	1.08	1.98	2.88	3.78	20	4.68	5.58	6.48	7.38	8.28
12	1.10	2.00	2.90	3.80	22	4.70	5.60	6.50	7.40	8.30
4	1.12	2.02	2.92	3.82	24	4.72	5.62	6.52	7.42	8.32
	1.13	2.03	2.93	3.83	26	4.73	5.63	6.53	7.43	8.33
	1.15	2.05	2.95	3.85	28	4.75	5.65	6.55	7.45	8.35
	1.17	2.07	2.97	3.87	30	4.77	5.67	6.57	7.47	8.37
	1.19	2.09	2.99	3.89	32	4.79	5.69	6.59	7.49	8.39
	1.21	2.11	3.01	3.91	34	4.81	5.71	6.61	7.51	8.41
	1.22	2.12	3.02	3.92	36	4.82	5.72	6.62	7.52	8.42
	1.24	2.14	3.04	3.94	38	4.84	5.74	6.64	7.54	8.44
	1.26	2.16	3.06	3.96	40	4.86	5.76	6.66	7.56	8.46
	1.28	2.18	3.08	3.98	42	4.88	5.78	6.68	7.58	8.48
	1.30	2.20	3.10	4.00	44	4.90	5.80	6.70	7.60	8.50
	1.31	2.21	3.11	4.01	46	4.91	5.81	6.71	7.61	8.51
	1.33	2.23	3.13	4.03	48	4.93	5.83	6.73	7.63	8.53
	1.35	2.25	3.15	4.05	50	4.95	5.85	6.75	7.65	8.55

2 to 98	100	200	300	400	feet	500	600	700	800	900
98	1.37	2.27	3.17	4.07	52	4.97	5.87	6.77	7.67	8.57
94	1.39	2.29	3.19	4.09	54	4.99	5.89	6.79	7.69	8.59
90	1.40	2.30	3.20	4.10	56	5.00	5.90	6.80	7.70	8.60
86	1.42	2.32	3.22	4.12	58	5.02	5.92	6.82	7.72	8.62
82	1.44	2.34	3.24	4.14	60	5.04	5.94	6.84	7.74	8.64
78	1.46	2.36	3.26	4.16	62	5.06	5.96	6.86	7.76	8.66
74	1.48	2.38	3.28	4.18	64	5.08	5.98	6.88	7.78	8.68
70	1.49	2.39	3.29	4.19	66	5.09	5.99	6.89	7.79	8.69
66	1.51	2.41	3.31	4.21	68	5.11	6.01	6.91	7.81	8.71
62	1.53	2.43	3.33	4.23	70	5.13	6.03	6.93	7.83	8.73
58	1.55	2.45	3.35	4.25	72	5.15	6.05	6.95	7.85	8.75
54	1.57	2.47	3.37	4.27	74	5.17	6.07	6.97	7.87	8.77
50	1.58	2.48	3.38	4.28	76	5.18	6.08	6.98	7.88	8.78
46	1.60	2.50	3.40	4.30	78	5.20	6.10	7.00	7.90	8.80
42	1.62	2.52	3.42	4.32	80	5.22	6.12	7.02	7.92	8.82
38	1.64	2.54	3.44	4.34	82	5.24	6.14	7.04	7.94	8.84
34	1.66	2.56	3.46	4.36	84	5.26	6.16	7.06	7.96	8.86
30	1.67	2.57	3.47	4.37	86	5.27	6.17	7.07	7.97	8.87
26	1.69	2.59	3.49	4.39	88	5.29	6.19	7.09	7.99	8.89
22	1.71	2.61	3.51	4.41	90	5.31	6.21	7.11	8.01	8.91
18	1.73	2.63	3.53	4.43	92	5.33	6.23	7.13	8.03	8.93
14	1.75	2.65	3.55	4.45	94	5.35	6.25	7.15	8.05	8.95
10	1.76	2.66	3.56	4.46	96	5.36	6.26	7.16	8.06	8.96
6	1.78	2.68	3.58	4.48	98	5.38	6.28	7.18	8.08	8.98

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
9.00	18.00	27.00	36.00		45.00	54.00	63.00	72.00	81.00
90.00	99.00	108.00	117.00	126.00	10	135.00	144.00	153.00	162.00
180.00	189.00	198.00	207.00	216.00	20	225.00	234.00	243.00	252.00

92½c Per 100

\$9.25 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.93	1.85	2.78	3.70			4.63	5.55	6.48	7.40	8.33
.02	.94	1.87	2.79	3.72	2	4.64	5.57	6.49	7.42	8.34
.04	.96	1.89	2.81	3.74	4	4.66	5.59	6.51	7.44	8.36
.06	.98	1.91	2.83	3.76	6	4.68	5.61	6.53	7.46	8.38
.07	1.00	1.92	2.85	3.77	8	4.70	5.62	6.55	7.47	8.40
.09	1.02	1.94	2.87	3.79	10	4.72	5.64	6.57	7.49	8.42
.11	1.04	1.96	2.89	3.81	12	4.74	5.66	6.59	7.51	8.44
.13	1.05	1.98	2.90	3.83	14	4.75	5.68	6.60	7.53	8.45
.15	1.07	2.00	2.92	3.85	16	4.77	5.70	6.62	7.55	8.47
.17	1.09	2.02	2.94	3.87	18	4.79	5.72	6.64	7.57	8.49
.19	1.11	2.04	2.96	3.89	20	4.81	5.74	6.66	7.59	8.51
.20	1.13	2.05	2.98	3.90	22	4.83	5.75	6.68	7.60	8.53
.22	1.15	2.07	3.00	3.92	24	4.85	5.77	6.70	7.62	8.55
.24	1.17	2.09	3.02	3.94	26	4.87	5.79	6.72	7.64	8.57
.26	1.18	2.11	3.03	3.96	28	4.88	5.81	6.73	7.66	8.58
.28	1.20	2.13	3.05	3.98	30	4.90	5.83	6.75	7.68	8.60
.30	1.22	2.15	3.07	4.00	32	4.92	5.85	6.77	7.70	8.62
.31	1.24	2.16	3.09	4.01	34	4.94	5.86	6.79	7.71	8.64
.33	1.26	2.18	3.11	4.03	36	4.96	5.88	6.81	7.73	8.66
.35	1.28	2.20	3.13	4.05	38	4.98	5.90	6.83	7.75	8.68
.37	1.30	2.22	3.15	4.07	40	5.00	5.92	6.85	7.77	8.70
.39	1.31	2.24	3.16	4.09	42	5.01	5.94	6.86	7.79	8.71
.41	1.33	2.26	3.18	4.11	44	5.03	5.96	6.88	7.81	8.73
.43	1.35	2.28	3.20	4.13	46	5.05	5.98	6.90	7.83	8.75
.44	1.37	2.29	3.22	4.14	48	5.07	5.99	6.92	7.84	8.77
.46	1.39	2.31	3.24	4.16	50	5.09	6.01	6.94	7.86	8.79
2 to 98	100	200	300	400	feet	500	600	700	800	900
.48	1.41	2.33	3.26	4.18	52	5.11	6.03	6.96	7.88	8.81
.50	1.42	2.35	3.27	4.20	54	5.12	6.05	6.97	7.90	8.82
.52	1.44	2.37	3.29	4.22	56	5.14	6.07	6.99	7.92	8.84
.54	1.46	2.39	3.31	4.24	58	5.16	6.09	7.01	7.94	8.86
.56	1.48	2.41	3.33	4.26	60	5.18	6.11	7.03	7.96	8.88
.57	1.50	2.42	3.35	4.27	62	5.20	6.12	7.05	7.97	8.90
.59	1.52	2.44	3.37	4.29	64	5.22	6.14	7.07	7.99	8.92
.61	1.54	2.46	3.39	4.31	66	5.24	6.16	7.09	8.01	8.94
.63	1.55	2.48	3.40	4.33	68	5.25	6.18	7.10	8.03	8.95
.65	1.57	2.50	3.42	4.35	70	5.27	6.20	7.12	8.05	8.97
.67	1.59	2.52	3.44	4.37	72	5.29	6.22	7.14	8.07	8.99
.68	1.61	2.53	3.46	4.38	74	5.31	6.23	7.16	8.08	9.01
.70	1.63	2.55	3.48	4.40	76	5.33	6.25	7.18	8.10	9.03
.72	1.65	2.57	3.50	4.42	78	5.35	6.27	7.20	8.12	9.05
.74	1.67	2.59	3.52	4.44	80	5.37	6.29	7.22	8.14	9.07
.76	1.68	2.61	3.53	4.46	82	5.38	6.31	7.23	8.16	9.08
.78	1.70	2.63	3.55	4.48	84	5.40	6.33	7.25	8.18	9.10
.80	1.72	2.65	3.57	4.50	86	5.42	6.35	7.27	8.20	9.12
.81	1.74	2.66	3.59	4.51	88	5.44	6.36	7.29	8.21	9.14
.83	1.76	2.68	3.61	4.53	90	5.46	6.38	7.31	8.23	9.16
.85	1.78	2.70	3.63	4.55	92	5.48	6.40	7.33	8.25	9.18
.87	1.79	2.72	3.64	4.57	94	5.49	6.42	7.34	8.27	9.19
.89	1.81	2.74	3.66	4.59	96	5.51	6.44	7.36	8.29	9.21
.91	1.83	2.76	3.68	4.61	98	5.53	6.46	7.38	8.31	9.23

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
9.25	18.50	27.75	37.00		46.25	55.50	64.75	74.00	83.25
92.50	101.75	111.00	120.25	19	138.75	148.00	157.25	166.50	175.75
185.00	194.25	203.50	212.75	20	231.25	240.50	249.75	259.00	268.25

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\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	.95	1.90	2.85	3.80	2	4.75	5.70	6.65	7.60	8.55
.04	.97	1.92	2.87	3.82	4	4.77	5.72	6.67	7.62	8.57
.06	.99	1.94	2.89	3.84	6	4.79	5.74	6.69	7.64	8.59
.08	1.01	1.96	2.91	3.86	8	4.81	5.76	6.71	7.66	8.61
.10	1.03	1.98	2.93	3.88	10	4.83	5.78	6.73	7.68	8.63
.11	1.05	2.00	2.95	3.90	12	4.85	5.80	6.75	7.70	8.65
.13	1.06	2.01	2.96	3.91	14	4.86	5.81	6.76	7.71	8.66
.15	1.08	2.03	2.98	3.93	16	4.88	5.83	6.78	7.73	8.68
.17	1.10	2.05	3.00	3.95	18	4.90	5.85	6.80	7.75	8.70
.19	1.12	2.07	3.02	3.97	20	4.92	5.87	6.82	7.77	8.72
.21	1.14	2.09	3.04	3.99	22	4.94	5.89	6.84	7.79	8.74
.23	1.16	2.11	3.06	4.01	24	4.96	5.91	6.86	7.81	8.76
.25	1.18	2.13	3.08	4.03	26	4.98	5.93	6.88	7.83	8.78
.27	1.20	2.15	3.10	4.05	28	5.00	5.95	6.90	7.85	8.80
.29	1.22	2.17	3.12	4.07	30	5.02	5.97	6.92	7.87	8.82
.30	1.24	2.19	3.14	4.09	32	5.04	5.99	6.94	7.89	8.84
.32	1.25	2.20	3.15	4.10	34	5.05	6.00	6.95	7.90	8.85
.34	1.27	2.22	3.17	4.12	36	5.07	6.02	6.97	7.92	8.87
.36	1.29	2.24	3.19	4.14	38	5.09	6.04	6.99	7.94	8.89
.38	1.31	2.26	3.21	4.16	40	5.11	6.06	7.01	7.96	8.91
.40	1.33	2.28	3.23	4.18	42	5.13	6.08	7.03	7.98	8.93
.42	1.35	2.30	3.25	4.20	44	5.15	6.10	7.05	8.00	8.95
.44	1.37	2.32	3.27	4.22	46	5.17	6.12	7.07	8.02	8.97
.46	1.39	2.34	3.29	4.24	48	5.19	6.14	7.09	8.04	8.99
.48	1.41	2.36	3.31	4.26	50	5.21	6.16	7.11	8.06	9.01
	1.43	2.38	3.33	4.28		5.23	6.18	7.13	8.08	9.03
2 to 98	100	200	300	400	feet	500	600	700	800	900
.49	1.44	2.39	3.34	4.29	52	5.24	6.19	7.14	8.09	9.04
.51	1.46	2.41	3.36	4.31	54	5.26	6.21	7.16	8.11	9.06
.53	1.48	2.43	3.38	4.33	56	5.28	6.23	7.18	8.13	9.08
.55	1.50	2.45	3.40	4.35	58	5.30	6.25	7.20	8.15	9.10
.57	1.52	2.47	3.42	4.37	60	5.32	6.27	7.22	8.17	9.12
.59	1.54	2.49	3.44	4.39	62	5.34	6.29	7.24	8.19	9.14
.61	1.56	2.51	3.46	4.41	64	5.36	6.31	7.26	8.21	9.16
.63	1.58	2.53	3.48	4.43	66	5.38	6.33	7.28	8.23	9.18
.65	1.60	2.55	3.50	4.45	68	5.40	6.35	7.30	8.25	9.20
.67	1.62	2.57	3.52	4.47	70	5.42	6.37	7.32	8.27	9.22
.68	1.63	2.58	3.53	4.48	72	5.43	6.38	7.33	8.28	9.23
.70	1.65	2.60	3.55	4.50	74	5.45	6.40	7.35	8.30	9.25
.72	1.67	2.62	3.57	4.52	76	5.47	6.42	7.37	8.32	9.27
.74	1.69	2.64	3.59	4.54	78	5.49	6.44	7.39	8.34	9.29
.76	1.71	2.66	3.61	4.56	80	5.51	6.46	7.41	8.36	9.31
.78	1.73	2.68	3.63	4.58	82	5.53	6.48	7.43	8.38	9.33
.80	1.75	2.70	3.65	4.60	84	5.55	6.50	7.45	8.40	9.35
.82	1.77	2.72	3.67	4.62	86	5.57	6.52	7.47	8.42	9.37
.84	1.79	2.74	3.69	4.64	88	5.59	6.54	7.49	8.44	9.39
.86	1.81	2.76	3.71	4.66	90	5.61	6.56	7.51	8.46	9.41
.87	1.82	2.77	3.72	4.67	92	5.62	6.57	7.52	8.47	9.42
.89	1.84	2.79	3.74	4.69	94	5.64	6.59	7.54	8.49	9.44
.91	1.86	2.81	3.76	4.71	96	5.66	6.61	7.56	8.51	9.46
.93	1.88	2.83	3.78	4.73	98	5.68	6.63	7.58	8.53	9.48

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
9.50	19.00	28.50	38.00		47.50	57.00	66.50	76.00	85.50
95.00	104.50	114.00	123.50	10	142.50	152.00	161.50	171.00	180.50
190.00	199.50	209.00	218.50	20	237.50	247.00	256.50	266.00	275.50

2 to 98	100	200	300	400	feet	500	600	700	800	900
.98	1.95	2.93	3.90			4.88	5.85	6.83	7.80	8.78
.02	.99	1.97	2.94	3.92	2	4.89	5.87	6.84	7.82	8.79
.04	1.01	1.99	2.96	3.94	4	4.91	5.89	6.86	7.84	8.81
.06	1.03	2.01	2.98	3.96	6	4.93	5.91	6.88	7.86	8.83
.08	1.05	2.03	3.00	3.98	8	4.95	5.93	6.90	7.88	8.85
.10	1.07	2.05	3.02	4.00	10	4.97	5.95	6.92	7.90	8.87
.12	1.09	2.07	3.04	4.02	12	4.99	5.97	6.94	7.92	8.89
.14	1.11	2.09	3.06	4.04	14	5.01	5.99	6.96	7.94	8.91
.16	1.13	2.11	3.08	4.06	16	5.03	6.01	6.98	7.96	8.93
.18	1.15	2.13	3.10	4.08	18	5.05	6.03	7.00	7.98	8.95
.20	1.17	2.15	3.12	4.10	20	5.07	6.05	7.02	8.00	8.97
.21	1.19	2.16	3.14	4.11	22	5.09	6.06	7.04	8.01	8.99
.23	1.21	2.18	3.16	4.13	24	5.11	6.08	7.06	8.03	9.01
.25	1.23	2.20	3.18	4.15	26	5.13	6.10	7.08	8.05	9.03
.27	1.25	2.22	3.20	4.17	28	5.15	6.12	7.10	8.07	9.05
.29	1.27	2.24	3.22	4.19	30	5.17	6.14	7.12	8.09	9.07
.31	1.29	2.26	3.24	4.21	32	5.19	6.16	7.14	8.11	9.09
.33	1.31	2.28	3.26	4.23	34	5.21	6.18	7.16	8.13	9.11
.35	1.33	2.30	3.28	4.25	36	5.23	6.20	7.18	8.15	9.13
.37	1.35	2.32	3.30	4.27	38	5.25	6.22	7.20	8.17	9.15
.39	1.37	2.34	3.32	4.29	40	5.27	6.24	7.22	8.19	9.17
.41	1.38	2.36	3.33	4.31	42	5.28	6.26	7.23	8.21	9.18
.43	1.40	2.38	3.35	4.33	44	5.30	6.28	7.25	8.23	9.20
.45	1.42	2.40	3.37	4.35	46	5.32	6.30	7.27	8.25	9.22
.47	1.44	2.42	3.39	4.37	48	5.34	6.32	7.29	8.27	9.24
.49	1.46	2.44	3.41	4.39	50	5.36	6.34	7.31	8.29	9.26

2 to 98	100	200	300	400	feet	500	600	700	800	900
.51	1.48	2.46	3.43	4.41	52	5.38	6.36	7.33	8.31	9.28
.53	1.50	2.48	3.45	4.43	54	5.40	6.38	7.35	8.33	9.30
.55	1.52	2.50	3.47	4.45	56	5.42	6.40	7.37	8.35	9.32
.57	1.54	2.52	3.49	4.47	58	5.44	6.42	7.39	8.37	9.34
.59	1.56	2.54	3.51	4.49	60	5.46	6.44	7.41	8.39	9.36
.60	1.58	2.55	3.53	4.50	62	5.48	6.45	7.43	8.40	9.38
.62	1.60	2.57	3.55	4.52	64	5.50	6.47	7.45	8.42	9.40
.64	1.62	2.59	3.57	4.54	66	5.52	6.49	7.47	8.44	9.42
.66	1.64	2.61	3.59	4.56	68	5.54	6.51	7.49	8.46	9.44
.68	1.66	2.63	3.61	4.58	70	5.56	6.53	7.51	8.48	9.46
.70	1.68	2.65	3.63	4.60	72	5.58	6.55	7.53	8.50	9.48
.72	1.70	2.67	3.65	4.62	74	5.60	6.57	7.55	8.52	9.50
.74	1.72	2.69	3.67	4.64	76	5.62	6.59	7.57	8.54	9.52
.76	1.74	2.71	3.69	4.66	78	5.64	6.61	7.59	8.56	9.54
.78	1.76	2.73	3.71	4.68	80	5.66	6.63	7.61	8.58	9.56
.80	1.77	2.75	3.72	4.70	82	5.67	6.65	7.62	8.60	9.57
.82	1.79	2.77	3.74	4.72	84	5.69	6.67	7.64	8.62	9.59
.84	1.81	2.79	3.76	4.74	86	5.71	6.69	7.66	8.64	9.61
.86	1.83	2.81	3.78	4.76	88	5.73	6.71	7.68	8.66	9.63
.88	1.85	2.83	3.80	4.78	90	5.75	6.73	7.70	8.68	9.65
.90	1.87	2.85	3.82	4.80	92	5.77	6.75	7.72	8.70	9.67
.92	1.89	2.87	3.84	4.82	94	5.79	6.77	7.74	8.72	9.69
.94	1.91	2.89	3.86	4.84	96	5.81	6.79	7.76	8.74	9.71
.96	1.93	2.91	3.88	4.86	98	5.83	6.81	7.78	8.76	9.73

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
9.75	19.50	29.25	39.00		48.75	58.50	68.25	78.00	87.75
97.50	107.25	117.00	126.75	136.50	146.25	156.00	165.75	175.50	185.25
195.00	204.75	214.50	224.25	234.00	243.75	253.50	263.25	273.00	282.75



2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	1.00	2.00	3.00	4.00	2	5.00	6.00	7.00	8.00	9.00
.04	1.02	2.02	3.02	4.02	4	5.02	6.02	7.02	8.02	9.02
.06	1.04	2.04	3.04	4.04	6	5.04	6.04	7.04	8.04	9.04
.08	1.06	2.06	3.06	4.06	8	5.06	6.06	7.06	8.06	9.06
.10	1.08	2.08	3.08	4.08	10	5.08	6.08	7.08	8.08	9.08
.12	1.10	2.10	3.10	4.10	12	5.10	6.10	7.10	8.10	9.10
.14	1.12	2.12	3.12	4.12	14	5.12	6.12	7.12	8.12	9.12
.16	1.14	2.14	3.14	4.14	16	5.14	6.14	7.14	8.14	9.14
.18	1.16	2.16	3.16	4.16	18	5.16	6.16	7.16	8.16	9.16
.20	1.18	2.18	3.18	4.18	20	5.18	6.18	7.18	8.18	9.18
.22	1.20	2.20	3.20	4.20	22	5.20	6.20	7.20	8.20	9.20
.24	1.22	2.22	3.22	4.22	24	5.22	6.22	7.22	8.22	9.22
.26	1.24	2.24	3.24	4.24	26	5.24	6.24	7.24	8.24	9.24
.28	1.26	2.26	3.26	4.26	28	5.26	6.26	7.26	8.26	9.26
.30	1.28	2.28	3.28	4.28	30	5.28	6.28	7.28	8.28	9.28
.32	1.30	2.30	3.30	4.30	32	5.30	6.30	7.30	8.30	9.30
.34	1.32	2.32	3.32	4.32	34	5.32	6.32	7.32	8.32	9.32
.36	1.34	2.34	3.34	4.34	36	5.34	6.34	7.34	8.34	9.34
.38	1.36	2.36	3.36	4.36	38	5.36	6.36	7.36	8.36	9.36
.40	1.38	2.38	3.38	4.38	40	5.38	6.38	7.38	8.38	9.38
.42	1.40	2.40	3.40	4.40	42	5.40	6.40	7.40	8.40	9.40
.44	1.42	2.42	3.42	4.42	44	5.42	6.42	7.42	8.42	9.42
.46	1.44	2.44	3.44	4.44	46	5.44	6.44	7.44	8.44	9.44
.48	1.46	2.46	3.46	4.46	48	5.46	6.46	7.46	8.46	9.46
.50	1.48	2.48	3.48	4.48	50	5.48	6.48	7.48	8.48	9.48
.52	1.50	2.50	3.50	4.50	52	5.50	6.50	7.50	8.50	9.50

2 to 98	100	200	300	400	feet	500	600	700	800	900
.52	1.52	2.52	3.52	4.52	52	5.52	6.52	7.52	8.52	9.52
.54	1.54	2.54	3.54	4.54	54	5.54	6.54	7.54	8.54	9.54
.56	1.56	2.56	3.56	4.56	56	5.56	6.56	7.56	8.56	9.56
.58	1.58	2.58	3.58	4.58	58	5.58	6.58	7.58	8.58	9.58
.60	1.60	2.60	3.60	4.60	60	5.60	6.60	7.60	8.60	9.60
.62	1.62	2.62	3.62	4.62	62	5.62	6.62	7.62	8.62	9.62
.64	1.64	2.64	3.64	4.64	64	5.64	6.64	7.64	8.64	9.64
.66	1.66	2.66	3.66	4.66	66	5.66	6.66	7.66	8.66	9.66
.68	1.68	2.68	3.68	4.68	68	5.68	6.68	7.68	8.68	9.68
.70	1.70	2.70	3.70	4.70	70	5.70	6.70	7.70	8.70	9.70
.72	1.72	2.72	3.72	4.72	72	5.72	6.72	7.72	8.72	9.72
.74	1.74	2.74	3.74	4.74	74	5.74	6.74	7.74	8.74	9.74
.76	1.76	2.76	3.76	4.76	76	5.76	6.76	7.76	8.76	9.76
.78	1.78	2.78	3.78	4.78	78	5.78	6.78	7.78	8.78	9.78
.80	1.80	2.80	3.80	4.80	80	5.80	6.80	7.80	8.80	9.80
.82	1.82	2.82	3.82	4.82	82	5.82	6.82	7.82	8.82	9.82
.84	1.84	2.84	3.84	4.84	84	5.84	6.84	7.84	8.84	9.84
.86	1.86	2.86	3.86	4.86	86	5.86	6.86	7.86	8.86	9.86
.88	1.88	2.88	3.88	4.88	88	5.88	6.88	7.88	8.88	9.88
.90	1.90	2.90	3.90	4.90	90	5.90	6.90	7.90	8.90	9.90
.92	1.92	2.92	3.92	4.92	92	5.92	6.92	7.92	8.92	9.92
.94	1.94	2.94	3.94	4.94	94	5.94	6.94	7.94	8.94	9.94
.96	1.96	2.96	3.96	4.96	96	5.96	6.96	7.96	8.96	9.96
.98	1.98	2.98	3.98	4.98	98	5.98	6.98	7.98	8.98	9.98

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
10.00	20.00	30.00	40.00	10	50.00	60.00	70.00	80.00	90.00
100.00	110.00	120.00	130.00	10	150.00	160.00	170.00	180.00	190.00
200.00	210.00	220.00	230.00	20	250.00	260.00	270.00	280.00	290.00

\$1.02½ Per 100

\$10.25 Per M.

21

2 to 98	100	200	300	400	feet	500	600	700	800	900
	1.03	2.05	3.08	4.10		5.13	6.15	7.18	8.20	9.23
.02	1.05	2.07	3.10	4.12	2	5.15	6.17	7.20	8.22	9.25
.04	1.07	2.09	3.12	4.14	4	5.17	6.19	7.22	8.24	9.27
.06	1.09	2.11	3.14	4.16	6	5.19	6.21	7.24	8.26	9.29
.08	1.11	2.13	3.16	4.18	8	5.21	6.23	7.26	8.28	9.31
.10	1.13	2.15	3.18	4.20	10	5.23	6.25	7.28	8.30	9.33
.12	1.15	2.17	3.20	4.22	12	5.25	6.27	7.30	8.32	9.35
.14	1.17	2.19	3.22	4.24	14	5.27	6.29	7.32	8.34	9.37
.16	1.19	2.21	3.24	4.26	16	5.29	6.31	7.34	8.36	9.39
.18	1.21	2.23	3.26	4.28	18	5.31	6.33	7.36	8.38	9.41
.21	1.23	2.26	3.28	4.31	20	5.33	6.36	7.38	8.41	9.43
.23	1.26	2.28	3.31	4.33	22	5.36	6.38	7.41	8.43	9.46
.25	1.28	2.30	3.33	4.35	24	5.38	6.40	7.43	8.45	9.48
.27	1.30	2.32	3.35	4.37	26	5.40	6.42	7.45	8.47	9.50
.29	1.32	2.34	3.37	4.39	28	5.42	6.44	7.47	8.49	9.52
.31	1.34	2.36	3.39	4.41	30	5.44	6.46	7.49	8.51	9.54
.33	1.36	2.38	3.41	4.43	32	5.46	6.48	7.51	8.53	9.56
.35	1.38	2.40	3.43	4.45	34	5.48	6.50	7.53	8.55	9.58
.37	1.40	2.42	3.45	4.47	36	5.50	6.52	7.55	8.57	9.60
.39	1.42	2.44	3.47	4.49	38	5.52	6.54	7.57	8.59	9.62
.41	1.44	2.46	3.49	4.51	40	5.54	6.56	7.59	8.61	9.64
.43	1.46	2.48	3.51	4.53	42	5.56	6.58	7.61	8.63	9.66
.45	1.48	2.50	3.53	4.55	44	5.58	6.60	7.63	8.65	9.68
.47	1.50	2.52	3.55	4.57	46	5.60	6.62	7.65	8.67	9.70
.49	1.52	2.54	3.57	4.59	48	5.62	6.64	7.67	8.69	9.72
.51	1.54	2.56	3.59	4.61	50	5.64	6.66	7.69	8.71	9.74

2 to 98	100	200	300	400	feet	500	600	700	800	900
.53	1.56	2.58	3.61	4.63	52	5.66	6.68	7.71	8.73	9.76
.55	1.58	2.60	3.63	4.65	54	5.68	6.70	7.73	8.75	9.78
.57	1.60	2.62	3.65	4.67	56	5.70	6.72	7.75	8.77	9.80
.59	1.62	2.64	3.67	4.69	58	5.72	6.74	7.77	8.79	9.82
.62	1.64	2.67	3.69	4.72	60	5.74	6.77	7.79	8.82	9.84
.64	1.67	2.69	3.72	4.74	62	5.77	6.79	7.82	8.84	9.87
.66	1.69	2.71	3.74	4.76	64	5.79	6.81	7.84	8.86	9.89
.68	1.71	2.73	3.76	4.78	66	5.81	6.83	7.86	8.88	9.91
.70	1.73	2.75	3.78	4.80	68	5.83	6.85	7.88	8.90	9.93
.72	1.75	2.77	3.80	4.82	70	5.85	6.87	7.90	8.92	9.95
.74	1.77	2.79	3.82	4.84	72	5.87	6.89	7.92	8.94	9.97
.76	1.79	2.81	3.84	4.86	74	5.89	6.91	7.94	8.96	9.99
.78	1.81	2.83	3.86	4.88	76	5.91	6.93	7.96	8.98	10.01
.80	1.83	2.85	3.88	4.90	78	5.93	6.95	7.98	9.00	10.03
.82	1.85	2.87	3.90	4.92	80	5.95	6.97	8.00	9.02	10.05
.84	1.87	2.89	3.92	4.94	82	5.97	6.99	8.02	9.04	10.07
.86	1.89	2.91	3.94	4.96	84	5.99	7.01	8.04	9.06	10.09
.88	1.91	2.93	3.96	4.98	86	6.01	7.03	8.06	9.08	10.11
.90	1.93	2.95	3.98	5.00	88	6.03	7.05	8.08	9.10	10.13
.92	1.95	2.97	4.00	5.02	90	6.05	7.07	8.10	9.12	10.15
.94	1.97	2.99	4.02	5.04	92	6.07	7.09	8.12	9.14	10.17
.96	1.99	3.01	4.04	5.06	94	6.09	7.11	8.14	9.16	10.19
.98	2.01	3.03	4.06	5.08	96	6.11	7.13	8.16	9.18	10.21
1.00	2.03	3.05	4.08	5.10	98	6.13	7.15	8.18	9.20	10.23

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
102.50	112.75	123.00	133.25	143.50	153.75	164.00	174.25	184.50	194.75
205.00	215.25	225.50	235.75	246.00	256.25	266.50	276.75	287.00	297.25

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	1.05	2.10	3.15	4.20	2	5.25	6.30	7.35	8.40	9.45
.04	1.07	2.12	3.17	4.22	4	5.27	6.32	7.37	8.42	9.47
.06	1.09	2.14	3.19	4.24	6	5.29	6.34	7.39	8.44	9.49
.08	1.11	2.16	3.21	4.26	8	5.31	6.36	7.41	8.46	9.51
.10	1.13	2.18	3.23	4.28	10	5.33	6.38	7.43	8.48	9.53
.11	1.16	2.21	3.26	4.31	12	5.36	6.41	7.46	8.51	9.56
.13	1.18	2.23	3.28	4.33	14	5.38	6.43	7.48	8.53	9.58
.15	1.20	2.25	3.30	4.35	16	5.40	6.45	7.50	8.55	9.60
.17	1.22	2.27	3.32	4.37	18	5.42	6.47	7.52	8.57	9.62
.19	1.24	2.29	3.34	4.39	20	5.44	6.49	7.54	8.59	9.64
.21	1.26	2.31	3.36	4.41	22	5.46	6.51	7.56	8.61	9.66
.23	1.28	2.33	3.38	4.43	24	5.48	6.53	7.58	8.63	9.68
.25	1.30	2.35	3.40	4.45	26	5.50	6.55	7.60	8.65	9.70
.27	1.32	2.37	3.42	4.47	28	5.52	6.57	7.62	8.67	9.72
.29	1.34	2.39	3.44	4.49	30	5.54	6.59	7.64	8.69	9.74
.32	1.37	2.42	3.47	4.52	32	5.57	6.62	7.67	8.72	9.77
.34	1.39	2.44	3.49	4.54	34	5.59	6.64	7.69	8.74	9.79
.36	1.41	2.46	3.51	4.56	36	5.61	6.66	7.71	8.76	9.81
.38	1.43	2.48	3.53	4.58	38	5.63	6.68	7.73	8.78	9.83
.40	1.45	2.50	3.55	4.60	40	5.65	6.70	7.75	8.80	9.85
.42	1.47	2.52	3.57	4.62	42	5.67	6.72	7.77	8.82	9.87
.44	1.49	2.54	3.59	4.64	44	5.69	6.74	7.79	8.84	9.89
.46	1.51	2.56	3.61	4.66	46	5.71	6.76	7.81	8.86	9.91
.48	1.53	2.58	3.63	4.68	48	5.73	6.78	7.83	8.88	9.93
.50	1.55	2.60	3.65	4.70	50	5.75	6.80	7.85	8.90	9.95
.53	1.58	2.63	3.68	4.73	50	5.78	6.83	7.88	8.93	9.98

2 to 98	100	200	300	400	feet	500	600	700	800	900
.55	1.60	2.65	3.70	4.75	52	5.80	6.85	7.90	8.95	10.00
.57	1.62	2.67	3.72	4.77	54	5.82	6.87	7.92	8.97	10.02
.59	1.64	2.69	3.74	4.79	56	5.84	6.89	7.94	8.99	10.04
.61	1.66	2.71	3.76	4.81	58	5.86	6.91	7.96	9.01	10.06
.63	1.68	2.73	3.78	4.83	60	5.88	6.93	7.98	9.03	10.08
.65	1.70	2.75	3.80	4.85	62	5.90	6.95	8.00	9.05	10.10
.67	1.72	2.77	3.82	4.87	64	5.92	6.97	8.02	9.07	10.12
.69	1.74	2.79	3.84	4.89	66	5.94	6.99	8.04	9.09	10.14
.71	1.76	2.81	3.86	4.91	68	5.96	7.01	8.06	9.11	10.16
.74	1.79	2.84	3.89	4.94	70	5.99	7.04	8.09	9.14	10.19
.76	1.81	2.86	3.91	4.96	72	6.01	7.06	8.11	9.16	10.21
.78	1.83	2.88	3.93	4.98	74	6.03	7.08	8.13	9.18	10.23
.80	1.85	2.90	3.95	5.00	76	6.05	7.10	8.15	9.20	10.25
.82	1.87	2.92	3.97	5.02	78	6.07	7.12	8.17	9.22	10.27
.84	1.89	2.94	3.99	5.04	80	6.09	7.14	8.19	9.24	10.29
.86	1.91	2.96	4.01	5.06	82	6.11	7.16	8.21	9.26	10.31
.88	1.93	2.98	4.03	5.08	84	6.13	7.18	8.23	9.28	10.33
.90	1.95	3.00	4.05	5.10	86	6.15	7.20	8.25	9.30	10.35
.92	1.97	3.02	4.07	5.12	88	6.17	7.22	8.27	9.32	10.37
.95	2.00	3.05	4.10	5.15	90	6.20	7.25	8.30	9.35	10.40
.97	2.02	3.07	4.12	5.17	92	6.22	7.27	8.32	9.37	10.42
.99	2.04	3.09	4.14	5.19	94	6.24	7.29	8.34	9.39	10.44
1.01	2.06	3.11	4.16	5.21	96	6.26	7.31	8.36	9.41	10.46
1.03	2.08	3.13	4.18	5.23	98	6.28	7.33	8.38	9.43	10.48

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
10.50	21.00	31.50	42.00		52.50	63.00	73.50	84.00	94.50
105.00	115.50	126.00	136.50	147.00	157.50	168.00	178.50	189.00	199.50
210.00	220.50	231.00	241.50	252.00	262.50	273.00	283.50	294.00	304.50

\$1.07½ Per 100

\$10.75 Per M.

23

2 to 95	100	200	300	400	feet	500	600	700	800	900
1.08	2.15	3.23	4.30		5.38	6.45	7.53	8.60	9.68	
1.10	2.17	3.25	4.32	2	5.40	6.47	7.55	8.62	9.70	
1.12	2.19	3.27	4.34	4	5.42	6.49	7.57	8.64	9.72	
1.14	2.21	3.29	4.36	6	5.44	6.51	7.59	8.66	9.74	
1.16	2.24	3.31	4.39	8	5.46	6.54	7.61	8.69	9.76	
1.18	2.26	3.33	4.41	10	5.48	6.56	7.63	8.71	9.78	
1.20	2.28	3.35	4.43	12	5.50	6.58	7.65	8.73	9.80	
1.23	2.30	3.38	4.45	14	5.53	6.60	7.68	8.75	9.83	
1.25	2.32	3.40	4.47	16	5.55	6.62	7.70	8.77	9.85	
1.27	2.34	3.42	4.49	18	5.57	6.64	7.72	8.79	9.87	
1.29	2.37	3.44	4.52	20	5.59	6.67	7.74	8.82	9.89	
1.31	2.39	3.46	4.54	22	5.61	6.69	7.76	8.84	9.91	
1.33	2.41	3.48	4.56	24	5.63	6.71	7.78	8.86	9.93	
1.35	2.43	3.50	4.58	26	5.65	6.73	7.80	8.88	9.95	
1.38	2.45	3.53	4.60	28	5.68	6.75	7.83	8.90	9.98	
1.40	2.47	3.55	4.62	30	5.70	6.77	7.85	8.92	10.00	
1.42	2.49	3.57	4.64	32	5.72	6.79	7.87	8.94	10.02	
1.44	2.52	3.59	4.67	34	5.74	6.82	7.89	8.97	10.04	
1.46	2.54	3.61	4.69	36	5.76	6.84	7.91	8.99	10.06	
1.48	2.56	3.63	4.71	38	5.78	6.86	7.93	9.01	10.08	
1.51	2.58	3.66	4.73	40	5.81	6.88	7.96	9.03	10.11	
1.53	2.60	3.68	4.75	42	5.83	6.90	7.98	9.05	10.13	
1.55	2.62	3.70	4.77	44	5.85	6.92	8.00	9.07	10.15	
1.57	2.64	3.72	4.79	46	5.87	6.94	8.02	9.09	10.17	
1.59	2.67	3.74	4.82	48	5.89	6.97	8.04	9.12	10.19	
1.61	2.69	3.76	4.84	50	5.91	6.99	8.06	9.14	10.21	

2 to 95	100	200	300	400	feet	500	600	700	800	900
1.63	2.71	3.78	4.86	52	5.93	7.01	8.08	9.16	10.23	
1.66	2.73	3.81	4.88	54	5.96	7.03	8.11	9.18	10.26	
1.68	2.75	3.83	4.90	56	5.98	7.05	8.13	9.20	10.28	
1.70	2.77	3.85	4.92	58	6.00	7.07	8.15	9.22	10.30	
1.72	2.80	3.87	4.95	60	6.02	7.10	8.17	9.25	10.32	
1.74	2.82	3.89	4.97	62	6.04	7.12	8.19	9.27	10.34	
1.76	2.84	3.91	4.99	64	6.06	7.14	8.21	9.29	10.36	
1.78	2.86	3.93	5.01	66	6.08	7.16	8.23	9.31	10.38	
1.81	2.88	3.96	5.03	68	6.11	7.18	8.26	9.33	10.41	
1.83	2.90	3.98	5.05	70	6.13	7.20	8.28	9.35	10.43	
1.85	2.92	4.00	5.07	72	6.15	7.22	8.30	9.37	10.45	
1.87	2.95	4.02	5.10	74	6.17	7.25	8.32	9.40	10.47	
1.89	2.97	4.04	5.12	76	6.19	7.27	8.34	9.42	10.49	
1.91	2.99	4.06	5.14	78	6.21	7.29	8.36	9.44	10.51	
1.94	3.01	4.09	5.16	80	6.24	7.31	8.39	9.46	10.54	
1.96	3.03	4.11	5.18	82	6.26	7.33	8.41	9.48	10.56	
1.98	3.05	4.13	5.20	84	6.28	7.35	8.43	9.50	10.58	
2.00	3.07	4.15	5.22	86	6.30	7.37	8.45	9.52	10.60	
2.02	3.10	4.17	5.25	88	6.32	7.40	8.47	9.55	10.62	
2.04	3.12	4.19	5.27	90	6.34	7.42	8.49	9.57	10.64	
2.06	3.14	4.21	5.29	92	6.36	7.44	8.51	9.59	10.66	
2.09	3.16	4.24	5.31	94	6.39	7.46	8.54	9.61	10.69	
2.11	3.18	4.26	5.33	96	6.41	7.48	8.56	9.63	10.71	
2.13	3.20	4.28	5.35	98	6.43	7.50	8.58	9.65	10.73	

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
10.75	21.50	32.25	43.00		53.75	64.50	75.25	86.00	96.75
107.50	118.25	129.00	139.75	10	161.25	172.00	182.75	193.50	204.25
215.00	225.75	236.50	247.25	20	268.75	279.50	290.25	301.00	311.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1.02	1.10	2.20	3.30	4.40		5.50	6.60	7.70	8.80	9.90
1.04	1.12	2.22	3.32	4.42	2	5.52	6.62	7.72	8.82	9.92
1.07	1.14	2.24	3.34	4.44	4	5.54	6.64	7.74	8.84	9.94
1.09	1.17	2.27	3.37	4.47	6	5.57	6.67	7.77	8.87	9.97
1.11	1.19	2.29	3.39	4.49	8	5.59	6.69	7.79	8.89	9.99
1.13	1.21	2.31	3.41	4.51	10	5.61	6.71	7.81	8.91	10.01
1.15	1.23	2.33	3.43	4.53	12	5.63	6.73	7.83	8.93	10.03
1.18	1.25	2.35	3.45	4.55	14	5.65	6.75	7.85	8.95	10.05
1.20	1.28	2.38	3.48	4.58	16	5.68	6.78	7.88	8.98	10.08
1.22	1.30	2.40	3.50	4.60	18	5.70	6.80	7.90	9.00	10.10
1.24	1.32	2.42	3.52	4.62	20	5.72	6.82	7.92	9.02	10.12
1.26	1.34	2.44	3.54	4.64	22	5.74	6.84	7.94	9.04	10.14
1.29	1.36	2.46	3.56	4.66	24	5.76	6.86	7.96	9.06	10.16
1.31	1.39	2.49	3.59	4.69	26	5.79	6.89	7.99	9.09	10.19
1.33	1.41	2.51	3.61	4.71	28	5.81	6.91	8.01	9.11	10.21
1.35	1.43	2.53	3.63	4.73	30	5.83	6.93	8.03	9.13	10.23
1.37	1.45	2.55	3.65	4.75	32	5.85	6.95	8.05	9.15	10.25
1.40	1.47	2.57	3.67	4.77	34	5.87	6.97	8.07	9.17	10.27
1.42	1.50	2.60	3.70	4.80	36	5.90	7.00	8.10	9.20	10.30
1.44	1.52	2.62	3.72	4.82	38	5.92	7.02	8.12	9.22	10.32
1.46	1.54	2.64	3.74	4.84	40	5.94	7.04	8.14	9.24	10.34
1.48	1.56	2.66	3.76	4.86	42	5.96	7.06	8.16	9.26	10.36
1.51	1.58	2.68	3.78	4.88	44	5.98	7.08	8.18	9.28	10.38
1.53	1.61	2.71	3.81	4.91	46	6.01	7.11	8.21	9.31	10.41
1.55	1.63	2.73	3.83	4.93	48	6.03	7.13	8.23	9.33	10.43
1.55	1.65	2.75	3.85	4.95	50	6.05	7.15	8.25	9.35	10.45

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.57	1.67	2.77	3.87	4.97	52	6.07	7.17	8.27	9.37	10.47
1.59	1.69	2.79	3.89	4.99	54	6.09	7.19	8.29	9.39	10.49
1.62	1.72	2.82	3.92	5.02	56	6.12	7.22	8.32	9.42	10.52
1.64	1.74	2.84	3.94	5.04	58	6.14	7.24	8.34	9.44	10.54
1.66	1.76	2.86	3.96	5.06	60	6.16	7.26	8.36	9.46	10.56
1.68	1.78	2.88	3.98	5.08	62	6.18	7.28	8.38	9.48	10.58
1.70	1.80	2.90	4.00	5.10	64	6.20	7.30	8.40	9.50	10.60
1.73	1.83	2.93	4.03	5.13	66	6.23	7.33	8.43	9.53	10.63
1.75	1.85	2.95	4.05	5.15	68	6.25	7.35	8.45	9.55	10.65
1.77	1.87	2.97	4.07	5.17	70	6.27	7.37	8.47	9.57	10.67
1.79	1.89	2.99	4.09	5.19	72	6.29	7.39	8.49	9.59	10.69
1.81	1.91	3.01	4.11	5.21	74	6.31	7.41	8.51	9.61	10.71
1.84	1.94	3.04	4.14	5.24	76	6.34	7.44	8.54	9.64	10.74
1.86	1.96	3.06	4.16	5.26	78	6.36	7.46	8.56	9.66	10.76
1.88	1.98	3.08	4.18	5.28	80	6.38	7.48	8.58	9.68	10.78
1.90	2.00	3.10	4.20	5.30	82	6.40	7.50	8.60	9.70	10.80
1.92	2.02	3.12	4.22	5.32	84	6.42	7.52	8.62	9.72	10.82
1.95	2.05	3.15	4.25	5.35	86	6.45	7.55	8.65	9.75	10.85
1.97	2.07	3.17	4.27	5.37	88	6.47	7.57	8.67	9.77	10.87
1.99	2.09	3.19	4.29	5.39	90	6.49	7.59	8.69	9.79	10.89
1.01	2.11	3.21	4.31	5.41	92	6.51	7.61	8.71	9.81	10.91
1.03	2.13	3.23	4.33	5.43	94	6.53	7.63	8.73	9.83	10.93
1.06	2.16	3.26	4.36	5.46	96	6.56	7.66	8.76	9.86	10.96
1.08	2.18	3.28	4.38	5.48	98	6.58	7.68	8.78	9.88	10.98

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
11.00	22.00	33.00	44.00		55.00	66.00	77.00	88.00	99.00
110.00	121.00	132.00	143.00	154.00	165.00	176.00	187.00	198.00	209.00
220.00	231.00	242.00	253.00	264.00	275.00	286.00	297.00	308.00	319.00

\$1.12½ Per 100

\$11.25 Per M.

25

2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	1.13	2.25	3.38	4.50	2	5.62	6.75	7.88	9.00	10.13
.06	1.15	2.27	3.40	4.52	4	5.65	6.77	7.90	9.02	10.15
.07	1.17	2.30	3.42	4.55	6	5.67	6.80	7.92	9.05	10.17
.09	1.19	2.32	3.44	4.57	8	5.69	6.82	7.94	9.07	10.19
.11	1.22	2.34	3.47	4.59	10	5.72	6.84	7.97	9.09	10.22
.14	1.24	2.36	3.49	4.61	12	5.74	6.86	7.99	9.11	10.24
.16	1.26	2.39	3.51	4.64	14	5.76	6.89	8.01	9.14	10.26
.18	1.28	2.41	3.53	4.66	16	5.78	6.91	8.03	9.16	10.28
.20	1.31	2.43	3.56	4.68	18	5.81	6.93	8.06	9.18	10.31
.23	1.33	2.45	3.58	4.70	20	5.83	6.95	8.08	9.20	10.33
.25	1.35	2.48	3.60	4.73	22	5.85	6.98	8.10	9.23	10.35
.27	1.37	2.50	3.62	4.75	24	5.87	7.00	8.12	9.25	10.37
.29	1.40	2.52	3.65	4.77	26	5.90	7.02	8.15	9.27	10.40
.32	1.42	2.54	3.67	4.79	28	5.92	7.04	8.17	9.29	10.42
.34	1.44	2.57	3.69	4.82	30	5.94	7.07	8.19	9.32	10.44
.36	1.46	2.59	3.71	4.84	32	5.96	7.09	8.21	9.34	10.46
.38	1.49	2.61	3.74	4.86	34	5.99	7.11	8.24	9.36	10.49
.41	1.51	2.63	3.76	4.88	36	6.01	7.13	8.26	9.38	10.51
.43	1.53	2.66	3.78	4.91	38	6.03	7.16	8.28	9.41	10.53
.45	1.55	2.68	3.80	4.93	40	6.05	7.18	8.30	9.43	10.55
.47	1.58	2.70	3.83	4.95	42	6.08	7.20	8.33	9.45	10.58
.50	1.60	2.72	3.85	4.97	44	6.10	7.22	8.35	9.47	10.60
.52	1.62	2.75	3.87	5.00	46	6.12	7.25	8.37	9.50	10.62
.54	1.64	2.77	3.89	5.02	48	6.14	7.27	8.39	9.52	10.64
.56	1.67	2.79	3.92	5.04	50	6.17	7.29	8.42	9.54	10.67
.56	1.69	2.81	3.94	5.06	50	6.19	7.31	8.44	9.56	10.69

2 to 98	100	200	300	400	feet	500	600	700	800	900
.59	1.71	2.84	3.96	5.09	52	6.21	7.34	8.46	9.59	10.71
.61	1.73	2.86	3.98	5.11	54	6.23	7.36	8.48	9.61	10.73
.63	1.76	2.88	4.01	5.13	56	6.26	7.38	8.51	9.63	10.76
.65	1.78	2.90	4.03	5.15	58	6.28	7.40	8.53	9.65	10.78
.68	1.80	2.93	4.05	5.18	60	6.30	7.43	8.55	9.68	10.80
.70	1.82	2.95	4.07	5.20	62	6.32	7.45	8.57	9.70	10.82
.72	1.85	2.97	4.10	5.22	64	6.35	7.47	8.60	9.72	10.85
.74	1.87	2.99	4.12	5.24	66	6.37	7.49	8.62	9.74	10.87
.77	1.89	3.02	4.14	5.27	68	6.39	7.52	8.64	9.77	10.89
.79	1.91	3.04	4.16	5.29	70	6.41	7.54	8.66	9.79	10.91
.81	1.94	3.06	4.19	5.31	72	6.44	7.56	8.69	9.81	10.94
.83	1.96	3.08	4.21	5.33	74	6.46	7.58	8.71	9.83	10.96
.86	1.98	3.11	4.23	5.36	76	6.48	7.61	8.73	9.86	10.98
.88	2.00	3.13	4.25	5.38	78	6.50	7.63	8.75	9.88	11.00
.90	2.03	3.15	4.28	5.40	80	6.53	7.65	8.78	9.90	11.03
.92	2.05	3.17	4.30	5.42	82	6.55	7.67	8.80	9.92	11.05
.95	2.07	3.20	4.32	5.45	84	6.57	7.70	8.82	9.95	11.07
.97	2.09	3.22	4.34	5.47	86	6.59	7.72	8.84	9.97	11.09
.99	2.12	3.24	4.37	5.49	88	6.62	7.74	8.87	9.99	11.12
1.01	2.14	3.26	4.39	5.51	90	6.64	7.76	8.89	10.01	11.14
1.04	2.16	3.29	4.41	5.54	92	6.66	7.79	8.91	10.04	11.16
1.06	2.18	3.31	4.43	5.56	94	6.68	7.81	8.93	10.06	11.18
1.08	2.21	3.33	4.46	5.58	96	6.71	7.83	8.96	10.08	11.21
1.10	2.23	3.35	4.48	5.60	98	6.73	7.85	8.98	10.10	11.23

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
11.25	22.50	33.75	45.00		56.25	67.50	78.75	90.00	101.25
112.50	123.75	135.00	146.25	10	168.75	180.00	191.25	202.50	213.75
225.00	236.25	247.50	258.75	20	281.25	292.50	303.75	315.00	326.25

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1.01	1.15	2.30	3.45	4.60	2	5.75	6.90	8.05	9.20	10.35
1.02	1.17	2.32	3.47	4.62	4	5.77	6.92	8.07	9.22	10.37
1.05	1.20	2.35	3.50	4.65	6	5.80	6.95	8.10	9.25	10.40
1.07	1.22	2.37	3.52	4.67	8	5.82	6.97	8.12	9.27	10.42
1.09	1.24	2.39	3.54	4.69	10	5.84	6.99	8.14	9.29	10.44
1.12	1.27	2.42	3.57	4.72	12	5.87	7.02	8.17	9.32	10.47
1.14	1.29	2.44	3.59	4.74	14	5.89	7.04	8.19	9.34	10.49
1.16	1.31	2.46	3.61	4.76	16	5.91	7.06	8.21	9.36	10.51
1.18	1.33	2.48	3.63	4.78	18	5.93	7.08	8.23	9.38	10.53
1.21	1.36	2.51	3.66	4.81	20	5.96	7.11	8.26	9.41	10.56
1.23	1.38	2.53	3.68	4.83	22	5.98	7.13	8.28	9.43	10.58
1.25	1.40	2.55	3.70	4.85	24	6.00	7.15	8.30	9.45	10.60
1.28	1.43	2.58	3.73	4.88	26	6.03	7.18	8.33	9.48	10.63
1.30	1.45	2.60	3.75	4.90	28	6.05	7.20	8.35	9.50	10.65
1.32	1.47	2.62	3.77	4.92	30	6.07	7.22	8.37	9.52	10.67
1.35	1.50	2.65	3.80	4.95	32	6.10	7.25	8.40	9.55	10.70
1.37	1.52	2.67	3.82	4.97	34	6.12	7.27	8.42	9.57	10.72
1.39	1.54	2.69	3.84	4.99	36	6.14	7.29	8.44	9.59	10.74
1.41	1.56	2.71	3.86	5.01	38	6.16	7.31	8.46	9.61	10.76
1.44	1.59	2.74	3.89	5.04	40	6.19	7.34	8.49	9.64	10.79
1.46	1.61	2.76	3.91	5.06	42	6.21	7.36	8.51	9.66	10.81
1.48	1.63	2.78	3.93	5.08	44	6.23	7.38	8.53	9.68	10.83
1.51	1.66	2.81	3.96	5.11	46	6.26	7.41	8.56	9.71	10.86
1.53	1.68	2.83	3.98	5.13	48	6.28	7.43	8.58	9.73	10.88
1.55	1.70	2.85	4.00	5.15	50	6.30	7.45	8.60	9.75	10.90
1.58	1.73	2.88	4.03	5.18		6.33	7.48	8.63	9.78	10.93

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.60	1.75	2.90	4.05	5.20	52	6.35	7.50	8.65	9.80	10.95
1.62	1.77	2.92	4.07	5.22	54	6.37	7.52	8.67	9.82	10.97
1.64	1.79	2.94	4.09	5.24	56	6.39	7.54	8.69	9.84	10.99
1.67	1.82	2.97	4.12	5.27	58	6.42	7.57	8.72	9.87	11.02
1.69	1.84	2.99	4.14	5.29	60	6.44	7.59	8.74	9.89	11.04
1.71	1.86	3.01	4.16	5.31	62	6.46	7.61	8.76	9.91	11.06
1.74	1.89	3.04	4.19	5.34	64	6.49	7.64	8.79	9.94	11.09
1.76	1.91	3.06	4.21	5.36	66	6.51	7.66	8.81	9.96	11.11
1.78	1.93	3.08	4.23	5.38	68	6.53	7.68	8.83	9.98	11.13
1.81	1.96	3.11	4.26	5.41	70	6.56	7.71	8.86	10.01	11.16
1.83	1.98	3.13	4.28	5.43	72	6.58	7.73	8.88	10.03	11.18
1.85	2.00	3.15	4.30	5.45	74	6.60	7.75	8.90	10.05	11.20
1.87	2.02	3.17	4.32	5.47	76	6.62	7.77	8.92	10.07	11.22
1.90	2.05	3.20	4.35	5.50	78	6.65	7.80	8.95	10.10	11.25
1.92	2.07	3.22	4.37	5.52	80	6.67	7.82	8.97	10.12	11.27
1.94	2.09	3.24	4.39	5.54	82	6.69	7.84	8.99	10.14	11.29
1.97	2.12	3.27	4.42	5.57	84	6.72	7.87	9.02	10.17	11.32
1.99	2.14	3.29	4.44	5.59	86	6.74	7.89	9.04	10.19	11.34
1.01	2.16	3.31	4.46	5.61	88	6.76	7.91	9.06	10.21	11.36
1.04	2.19	3.34	4.49	5.64	90	6.79	7.94	9.09	10.24	11.39
1.06	2.21	3.36	4.51	5.66	92	6.81	7.96	9.11	10.26	11.41
1.08	2.23	3.38	4.53	5.68	94	6.83	7.98	9.13	10.28	11.43
1.10	2.25	3.40	4.55	5.70	96	6.85	8.00	9.15	10.30	11.45
1.13	2.28	3.43	4.58	5.73	98	6.88	8.03	9.18	10.33	11.48

M FEET					Above 1M.				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
115.00	126.50	138.00	149.50	161.00	172.50	184.00	195.50	207.00	218.50
230.00	241.50	253.00	264.50	276.00	287.50	299.00	310.50	322.00	333.50

\$1.17½ Per 100

\$11.75 Per M.

27

2 to 98	100	200	300	400 feet	500	600	700	800	900
.02	1.18	2.35	3.53	4.70	5.88	7.05	8.23	9.40	10.58
.05	1.20	2.37	3.55	4.72	5.90	7.07	8.25	9.42	10.60
.07	1.22	2.40	3.57	4.75	5.92	7.10	8.27	9.45	10.62
.09	1.25	2.42	3.60	4.77	5.95	7.12	8.30	9.47	10.65
.12	1.27	2.44	3.62	4.79	5.97	7.14	8.32	9.49	10.67
.14	1.29	2.47	3.64	4.82	5.99	7.17	8.34	9.52	10.69
.16	1.32	2.49	3.67	4.84	6.02	7.19	8.37	9.54	10.72
.19	1.34	2.51	3.69	4.86	6.04	7.21	8.39	9.56	10.74
.21	1.36	2.54	3.71	4.89	6.06	7.24	8.41	9.59	10.76
.24	1.39	2.56	3.74	4.91	6.09	7.26	8.44	9.61	10.79
.26	1.41	2.59	3.76	4.94	6.11	7.29	8.46	9.64	10.81
.28	1.43	2.61	3.78	4.96	6.13	7.31	8.48	9.66	10.83
.31	1.46	2.63	3.81	4.98	6.16	7.33	8.51	9.68	10.86
.33	1.48	2.66	3.83	5.01	6.18	7.36	8.53	9.71	10.88
.35	1.50	2.68	3.85	5.03	6.20	7.38	8.55	9.73	10.90
.38	1.53	2.70	3.88	5.05	6.23	7.40	8.58	9.75	10.93
.40	1.55	2.73	3.90	5.08	6.25	7.43	8.60	9.78	10.95
.42	1.57	2.75	3.92	5.10	6.27	7.45	8.62	9.80	10.97
.45	1.60	2.77	3.95	5.12	6.30	7.47	8.65	9.82	11.00
.47	1.62	2.80	3.97	5.15	6.32	7.50	8.67	9.85	11.02
.49	1.65	2.82	4.00	5.17	6.35	7.52	8.70	9.87	11.05
.52	1.67	2.84	4.02	5.19	6.37	7.54	8.72	9.89	11.07
.54	1.69	2.87	4.04	5.22	6.39	7.57	8.74	9.92	11.09
.56	1.72	2.89	4.07	5.24	6.42	7.59	8.77	9.94	11.12
.59	1.74	2.91	4.09	5.26	6.44	7.61	8.79	9.96	11.14
.61	1.76	2.94	4.11	5.29	6.46	7.64	8.81	9.99	11.16
2 to 98	100	200	300	400 feet	500	600	700	800	900
.61	1.79	2.96	4.14	5.31	6.49	7.66	8.84	10.01	11.19
.63	1.81	2.98	4.16	5.33	6.51	7.68	8.86	10.03	11.21
.66	1.83	3.01	4.18	5.36	6.53	7.71	8.88	10.06	11.23
.68	1.86	3.03	4.21	5.38	6.56	7.73	8.91	10.08	11.26
.71	1.88	3.06	4.23	5.41	6.58	7.76	8.93	10.11	11.28
.73	1.90	3.08	4.25	5.43	6.60	7.78	8.95	10.13	11.30
.75	1.93	3.10	4.28	5.45	6.63	7.80	8.98	10.15	11.33
.78	1.95	3.13	4.30	5.48	6.65	7.83	9.00	10.18	11.35
.80	1.97	3.15	4.32	5.50	6.67	7.85	9.02	10.20	11.37
.82	2.00	3.17	4.35	5.52	6.70	7.87	9.05	10.22	11.40
.85	2.02	3.20	4.37	5.55	6.72	7.90	9.07	10.25	11.42
.87	2.04	3.22	4.39	5.57	6.74	7.92	9.09	10.27	11.44
.89	2.07	3.24	4.42	5.59	6.77	7.94	9.12	10.29	11.47
.92	2.09	3.27	4.44	5.62	6.79	7.97	9.14	10.32	11.49
.94	2.12	3.29	4.47	5.64	6.82	7.99	9.17	10.34	11.52
.96	2.14	3.31	4.49	5.66	6.84	8.01	9.19	10.36	11.54
.99	2.16	3.34	4.51	5.69	6.86	8.04	9.21	10.39	11.56
1.01	2.19	3.36	4.54	5.71	6.89	8.06	9.24	10.41	11.59
1.03	2.21	3.38	4.56	5.73	6.91	8.08	9.26	10.43	11.61
1.06	2.23	3.41	4.58	5.76	6.93	8.11	9.28	10.46	11.63
1.08	2.26	3.43	4.61	5.78	6.96	8.13	9.31	10.48	11.66
1.10	2.28	3.45	4.63	5.80	6.98	8.15	9.33	10.50	11.68
1.13	2.30	3.48	4.65	5.83	7.00	8.18	9.35	10.53	11.70
1.15	2.33	3.50	4.68	5.85	7.03	8.20	9.38	10.55	11.73

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
117.50	129.25	141.00	152.75	164.50	176.25	188.00	199.75	211.50	223.25
235.00	246.75	258.50	270.25	282.00	293.75	305.50	317.25	329.00	340.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	1.20	2.40	3.60	4.80	2	6.00	7.20	8.40	9.60	10.80
.05	1.22	2.42	3.62	4.82	4	6.02	7.22	8.42	9.62	10.82
.07	1.25	2.45	3.65	4.85	6	6.05	7.25	8.45	9.65	10.85
.10	1.27	2.47	3.67	4.87	8	6.07	7.27	8.47	9.67	10.87
.12	1.30	2.50	3.70	4.90	10	6.10	7.30	8.50	9.70	10.90
.14	1.32	2.52	3.72	4.92	12	6.12	7.32	8.52	9.72	10.92
.17	1.34	2.54	3.74	4.94	14	6.14	7.34	8.54	9.74	10.94
.19	1.37	2.57	3.77	4.97	16	6.17	7.37	8.57	9.77	10.97
.22	1.39	2.59	3.79	4.99	18	6.19	7.39	8.59	9.79	10.99
.24	1.42	2.62	3.82	5.02	20	6.22	7.42	8.62	9.82	11.02
.26	1.44	2.64	3.84	5.04	22	6.24	7.44	8.64	9.84	11.04
.29	1.46	2.66	3.86	5.06	24	6.26	7.46	8.66	9.86	11.06
.31	1.49	2.69	3.89	5.09	26	6.29	7.49	8.69	9.89	11.09
.34	1.51	2.71	3.91	5.11	28	6.31	7.51	8.71	9.91	11.11
.36	1.54	2.74	3.94	5.14	30	6.34	7.54	8.74	9.94	11.14
.38	1.56	2.76	3.96	5.16	32	6.36	7.56	8.76	9.96	11.16
.41	1.58	2.78	3.98	5.18	34	6.38	7.58	8.78	9.98	11.18
.43	1.61	2.81	4.01	5.21	36	6.41	7.61	8.81	10.01	11.21
.46	1.63	2.83	4.03	5.23	38	6.43	7.63	8.83	10.03	11.23
.48	1.66	2.86	4.06	5.26	40	6.46	7.66	8.86	10.06	11.26
.50	1.68	2.88	4.08	5.28	42	6.48	7.68	8.88	10.08	11.28
.53	1.70	2.90	4.10	5.30	44	6.50	7.70	8.90	10.10	11.30
.55	1.73	2.93	4.13	5.33	46	6.53	7.73	8.93	10.13	11.33
.58	1.75	2.95	4.15	5.35	48	6.55	7.75	8.95	10.15	11.35
.60	1.78	2.98	4.18	5.38	50	6.58	7.78	8.98	10.18	11.38
.60	1.80	3.00	4.20	5.40	50	6.60	7.80	9.00	10.20	11.40

2 to 98	100	200	300	400	feet	500	600	700	800	900
.62	1.82	3.02	4.22	5.42	52	6.62	7.82	9.02	10.22	11.42
.65	1.85	3.05	4.25	5.45	54	6.65	7.85	9.05	10.25	11.45
.67	1.87	3.07	4.27	5.47	56	6.67	7.87	9.07	10.27	11.47
.70	1.90	3.10	4.30	5.50	58	6.70	7.90	9.10	10.30	11.50
.72	1.92	3.12	4.32	5.52	60	6.72	7.92	9.12	10.32	11.52
.74	1.94	3.14	4.34	5.54	62	6.74	7.94	9.14	10.34	11.54
.77	1.97	3.17	4.37	5.57	64	6.77	7.97	9.17	10.37	11.57
.79	1.99	3.19	4.39	5.59	66	6.79	7.99	9.19	10.39	11.59
.82	2.02	3.22	4.42	5.62	68	6.82	8.02	9.22	10.42	11.62
.84	2.04	3.24	4.44	5.64	70	6.84	8.04	9.24	10.44	11.64
.86	2.06	3.26	4.46	5.66	72	6.86	8.06	9.26	10.46	11.66
.89	2.09	3.29	4.49	5.69	74	6.89	8.09	9.29	10.49	11.69
.91	2.11	3.31	4.51	5.71	76	6.91	8.11	9.31	10.51	11.71
.94	2.14	3.34	4.54	5.74	78	6.94	8.14	9.34	10.54	11.74
.96	2.16	3.36	4.56	5.76	80	6.96	8.16	9.36	10.56	11.76
.98	2.18	3.38	4.58	5.78	82	6.98	8.18	9.38	10.58	11.78
1.01	2.21	3.41	4.61	5.81	84	7.01	8.21	9.41	10.61	11.81
1.03	2.23	3.43	4.63	5.83	86	7.03	8.23	9.43	10.63	11.83
1.06	2.26	3.46	4.66	5.86	88	7.06	8.26	9.46	10.66	11.86
1.08	2.28	3.48	4.68	5.88	90	7.08	8.28	9.48	10.68	11.88
1.10	2.30	3.50	4.70	5.90	92	7.10	8.30	9.50	10.70	11.90
1.13	2.33	3.53	4.73	5.93	94	7.13	8.33	9.53	10.73	11.93
1.15	2.35	3.55	4.75	5.95	96	7.15	8.35	9.55	10.75	11.95
1.18	2.38	3.58	4.78	5.98	98	7.18	8.38	9.58	10.78	11.98

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
12.00	24.00	36.00	48.00	10	60.00	72.00	84.00	96.00	108.00
120.00	132.00	144.00	156.00	10	180.00	192.00	204.00	216.00	228.00
240.00	252.00	264.00	276.00	20	300.00	312.00	324.00	336.00	348.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
.02	1.23	2.45	3.68	4.90	2	6.13	7.35	8.58	9.80	11.03
.05	1.25	2.47	3.70	4.92	4	6.15	7.37	8.60	9.82	11.05
.07	1.27	2.50	3.72	4.95	6	6.17	7.40	8.62	9.85	11.07
.10	1.30	2.52	3.75	4.97	8	6.20	7.42	8.65	9.87	11.10
.12	1.32	2.55	3.77	5.00	10	6.22	7.45	8.67	9.90	11.12
.15	1.35	2.57	3.80	5.02	12	6.25	7.47	8.70	9.92	11.15
.17	1.37	2.60	3.82	5.05	14	6.27	7.50	8.72	9.95	11.17
.20	1.40	2.62	3.85	5.07	16	6.30	7.52	8.75	9.97	11.20
.22	1.42	2.65	3.87	5.10	18	6.32	7.55	8.77	10.00	11.22
.25	1.45	2.67	3.90	5.12	20	6.35	7.57	8.80	10.02	11.25
.27	1.47	2.70	3.92	5.15	22	6.37	7.60	8.82	10.05	11.27
.29	1.49	2.72	3.94	5.17	24	6.39	7.62	8.84	10.07	11.29
.32	1.52	2.74	3.97	5.19	26	6.42	7.64	8.87	10.09	11.32
.34	1.54	2.77	3.99	5.22	28	6.44	7.67	8.89	10.12	11.34
.37	1.57	2.79	4.02	5.24	30	6.47	7.69	8.92	10.14	11.37
.39	1.59	2.82	4.04	5.27	32	6.49	7.72	8.94	10.17	11.39
.42	1.62	2.84	4.07	5.29	34	6.52	7.74	8.97	10.19	11.42
.44	1.64	2.87	4.09	5.32	36	6.54	7.77	8.99	10.22	11.44
.47	1.67	2.89	4.12	5.34	38	6.57	7.79	9.02	10.24	11.47
.49	1.69	2.92	4.14	5.37	40	6.59	7.82	9.04	10.27	11.49
.51	1.72	2.94	4.17	5.39	42	6.62	7.84	9.07	10.29	11.52
.54	1.74	2.96	4.19	5.41	44	6.64	7.86	9.09	10.31	11.54
.56	1.76	2.99	4.21	5.44	46	6.66	7.89	9.11	10.34	11.56
.59	1.79	3.01	4.24	5.46	48	6.69	7.91	9.14	10.36	11.59
.61	1.81	3.04	4.26	5.49	50	6.71	7.94	9.16	10.39	11.61
.64	1.84	3.06	4.29	5.51	52	6.74	7.96	9.19	10.41	11.64

2 to 98	100	200	300	400	feet	500	600	700	800	900
.64	1.86	3.09	4.31	5.54	52	6.76	7.99	9.21	10.44	11.66
.66	1.89	3.11	4.34	5.56	54	6.79	8.01	9.24	10.46	11.69
.69	1.91	3.14	4.36	5.59	56	6.81	8.04	9.26	10.49	11.71
.71	1.94	3.16	4.39	5.61	58	6.84	8.06	9.29	10.51	11.74
.74	1.96	3.19	4.41	5.64	60	6.86	8.09	9.31	10.54	11.76
.76	1.98	3.21	4.43	5.66	62	6.88	8.11	9.33	10.56	11.78
.78	2.01	3.23	4.46	5.68	64	6.91	8.13	9.36	10.58	11.81
.81	2.03	3.26	4.48	5.71	66	6.93	8.16	9.38	10.61	11.83
.83	2.06	3.28	4.51	5.73	68	6.96	8.18	9.41	10.63	11.86
.86	2.08	3.31	4.53	5.76	70	6.98	8.21	9.43	10.66	11.88
.88	2.11	3.33	4.56	5.78	72	7.01	8.23	9.46	10.68	11.91
.91	2.13	3.36	4.58	5.81	74	7.03	8.26	9.48	10.71	11.93
.93	2.16	3.38	4.61	5.83	76	7.06	8.28	9.51	10.73	11.96
.96	2.18	3.41	4.63	5.86	78	7.08	8.31	9.53	10.76	11.98
.98	2.21	3.43	4.66	5.88	80	7.11	8.33	9.56	10.78	12.01
1.00	2.23	3.45	4.68	5.90	82	7.13	8.35	9.58	10.80	12.03
1.03	2.25	3.48	4.70	5.93	84	7.15	8.38	9.60	10.83	12.05
1.05	2.28	3.50	4.73	5.95	86	7.18	8.40	9.63	10.85	12.08
1.08	2.30	3.53	4.75	5.98	88	7.20	8.43	9.65	10.88	12.10
1.10	2.33	3.55	4.78	6.00	90	7.23	8.45	9.68	10.90	12.13
1.13	2.35	3.58	4.80	6.03	92	7.25	8.48	9.70	10.93	12.15
1.15	2.38	3.60	4.83	6.05	94	7.28	8.50	9.73	10.95	12.18
1.18	2.40	3.63	4.85	6.08	96	7.30	8.53	9.75	10.98	12.20
1.20	2.43	3.65	4.88	6.10	98	7.33	8.55	9.78	11.00	12.23

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
12.25	24.50	36.75	49.00	10	61.25	73.50	85.75	98.00	110.25
122.50	134.75	147.00	159.25	10	183.75	196.00	208.25	220.50	232.75
245.00	257.25	269.50	281.75	20	306.25	318.50	330.75	343.00	355.25

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.03	1.25	2.50	3.75	5.00	2	6.25	7.50	8.75	10.00	11.25
.05	1.28	2.53	3.78	5.03	4	6.28	7.53	8.78	10.03	11.28
.08	1.30	2.55	3.80	5.05	6	6.30	7.55	8.80	10.05	11.30
.10	1.33	2.58	3.83	5.08	8	6.33	7.58	8.83	10.08	11.33
.13	1.35	2.60	3.85	5.10	10	6.35	7.60	8.85	10.10	11.35
.15	1.38	2.63	3.88	5.13	12	6.38	7.63	8.88	10.13	11.38
.18	1.40	2.65	3.90	5.15	14	6.40	7.65	8.90	10.15	11.40
.20	1.43	2.68	3.93	5.18	16	6.43	7.68	8.93	10.18	11.43
.23	1.45	2.70	3.95	5.20	18	6.45	7.70	8.95	10.20	11.45
.25	1.48	2.73	3.98	5.23	20	6.48	7.73	8.98	10.23	11.48
.28	1.50	2.75	4.00	5.25	22	6.50	7.75	9.00	10.25	11.50
.30	1.53	2.78	4.03	5.28	24	6.53	7.78	9.03	10.28	11.53
.33	1.55	2.80	4.05	5.30	26	6.55	7.80	9.05	10.30	11.55
.35	1.58	2.83	4.08	5.33	28	6.58	7.83	9.08	10.33	11.58
.38	1.60	2.85	4.10	5.35	30	6.60	7.85	9.10	10.35	11.60
.40	1.63	2.88	4.13	5.38	32	6.63	7.88	9.13	10.38	11.63
.43	1.65	2.90	4.15	5.40	34	6.65	7.90	9.15	10.40	11.65
.45	1.68	2.93	4.18	5.43	36	6.68	7.93	9.18	10.43	11.68
.48	1.70	2.95	4.20	5.45	38	6.70	7.95	9.20	10.45	11.70
.50	1.73	2.98	4.23	5.48	40	6.73	7.98	9.23	10.48	11.73
.53	1.75	3.00	4.25	5.50	42	6.75	8.00	9.25	10.50	11.75
.55	1.78	3.03	4.28	5.53	44	6.78	8.03	9.28	10.53	11.78
.58	1.80	3.05	4.30	5.55	46	6.80	8.05	9.30	10.55	11.80
.60	1.83	3.08	4.33	5.58	48	6.83	8.08	9.33	10.58	11.83
.63	1.85	3.10	4.35	5.60	50	6.85	8.10	9.35	10.60	11.85
.65	1.88	3.13	4.38	5.63	52	6.88	8.13	9.38	10.63	11.88

2 to 98	100	200	300	400	feet	500	600	700	800	900
.65	1.90	3.15	4.40	5.65	52	6.90	8.15	9.40	10.65	11.90
.68	1.93	3.18	4.43	5.68	54	6.93	8.18	9.43	10.68	11.93
.70	1.95	3.20	4.45	5.70	56	6.95	8.20	9.45	10.70	11.95
.73	1.98	3.23	4.48	5.73	58	6.98	8.23	9.48	10.73	11.98
.75	2.00	3.25	4.50	5.75	60	7.00	8.25	9.50	10.75	12.00
.78	2.03	3.28	4.53	5.78	62	7.03	8.28	9.53	10.78	12.03
.80	2.05	3.30	4.55	5.80	64	7.05	8.30	9.55	10.80	12.05
.83	2.08	3.33	4.58	5.83	66	7.08	8.33	9.58	10.83	12.08
.85	2.10	3.35	4.60	5.85	68	7.10	8.35	9.60	10.85	12.10
.88	2.13	3.38	4.63	5.88	70	7.13	8.38	9.63	10.88	12.13
.90	2.15	3.40	4.65	5.90	72	7.15	8.40	9.65	10.90	12.15
.93	2.18	3.43	4.68	5.93	74	7.18	8.43	9.68	10.93	12.18
.95	2.20	3.45	4.70	5.95	76	7.20	8.45	9.70	10.95	12.20
.98	2.23	3.48	4.73	5.98	78	7.23	8.48	9.73	10.98	12.23
1.00	2.25	3.50	4.75	6.00	80	7.25	8.50	9.75	11.00	12.25
1.03	2.28	3.53	4.78	6.03	82	7.28	8.53	9.78	11.03	12.28
1.05	2.30	3.55	4.80	6.05	84	7.30	8.55	9.80	11.05	12.30
1.08	2.33	3.58	4.83	6.08	86	7.33	8.58	9.83	11.08	12.33
1.10	2.35	3.60	4.85	6.10	88	7.35	8.60	9.85	11.10	12.35
1.13	2.38	3.63	4.88	6.13	90	7.38	8.63	9.88	11.13	12.38
1.15	2.40	3.65	4.90	6.15	92	7.40	8.65	9.90	11.15	12.40
1.18	2.43	3.68	4.93	6.18	94	7.43	8.68	9.93	11.18	12.43
1.20	2.45	3.70	4.95	6.20	96	7.45	8.70	9.95	11.20	12.45
1.23	2.48	3.73	4.98	6.23	98	7.48	8.73	9.98	11.23	12.48

## Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
125.00	137.50	150.00	162.50	175.00	187.50	200.00	212.50	225.00	237.50
250.00	262.50	275.00	287.50	300.00	312.50	325.00	337.50	350.00	362.50

\$1.27½ Per 100

\$12.75 Per M.

31

2 to 98	100	200	300	400	feet	500	600	700	800	900
103	1.28	2.55	3.83	5.10	2	6.38	7.65	8.93	10.20	11.48
105	1.30	2.58	3.85	5.13	4	6.40	7.68	8.95	10.23	11.50
108	1.33	2.60	3.88	5.15	6	6.43	7.70	8.98	10.25	11.53
110	1.35	2.63	3.90	5.18	8	6.45	7.73	9.00	10.28	11.55
113	1.38	2.65	3.93	5.20	10	6.48	7.75	9.03	10.30	11.58
115	1.40	2.68	3.95	5.23	12	6.50	7.78	9.05	10.33	11.60
118	1.43	2.70	3.98	5.25	14	6.53	7.80	9.08	10.35	11.63
120	1.45	2.73	4.00	5.28	16	6.55	7.83	9.10	10.38	11.65
123	1.48	2.75	4.03	5.30	18	6.58	7.85	9.13	10.40	11.68
126	1.50	2.78	4.05	5.33	20	6.60	7.88	9.15	10.43	11.70
128	1.53	2.81	4.08	5.36	22	6.63	7.91	9.18	10.46	11.73
131	1.56	2.83	4.11	5.38	24	6.66	7.93	9.21	10.48	11.76
133	1.58	2.86	4.13	5.41	26	6.68	7.96	9.23	10.51	11.78
136	1.61	2.88	4.16	5.43	28	6.71	7.98	9.26	10.53	11.81
138	1.63	2.91	4.18	5.46	30	6.73	8.01	9.28	10.56	11.83
141	1.66	2.93	4.21	5.48	32	6.76	8.03	9.31	10.58	11.86
143	1.68	2.96	4.23	5.51	34	6.78	8.06	9.33	10.61	11.88
146	1.71	2.98	4.26	5.53	36	6.81	8.08	9.36	10.63	11.91
148	1.73	3.01	4.28	5.56	38	6.83	8.11	9.38	10.66	11.93
151	1.76	3.03	4.31	5.58	40	6.86	8.13	9.41	10.68	11.96
154	1.79	3.06	4.34	5.61	42	6.89	8.16	9.44	10.71	11.99
156	1.81	3.09	4.36	5.64	44	6.91	8.19	9.46	10.74	12.01
159	1.84	3.11	4.39	5.66	46	6.94	8.21	9.49	10.76	12.04
161	1.86	3.14	4.41	5.69	48	6.96	8.24	9.51	10.79	12.06
164	1.89	3.16	4.44	5.71	50	6.99	8.26	9.54	10.81	12.09
166	1.91	3.19	4.46	5.74		7.01	8.29	9.56	10.84	12.11

2 to 98	100	200	300	400	feet	500	600	700	800	900
166	1.94	3.21	4.49	5.76	52	7.04	8.31	9.59	10.86	12.14
169	1.96	3.24	4.51	5.79	54	7.06	8.34	9.61	10.89	12.16
171	1.99	3.26	4.54	5.81	56	7.09	8.36	9.64	10.91	12.19
174	2.01	3.29	4.56	5.84	58	7.11	8.39	9.66	10.94	12.21
177	2.04	3.32	4.59	5.87	60	7.14	8.42	9.69	10.97	12.24
179	2.07	3.34	4.62	5.89	62	7.17	8.44	9.72	10.99	12.27
182	2.09	3.37	4.64	5.92	64	7.19	8.47	9.74	11.02	12.29
184	2.12	3.39	4.67	5.94	66	7.22	8.49	9.77	11.04	12.32
187	2.14	3.42	4.69	5.97	68	7.24	8.52	9.79	11.07	12.34
189	2.17	3.44	4.72	5.99	70	7.27	8.54	9.82	11.09	12.37
192	2.19	3.47	4.74	6.02	72	7.29	8.57	9.84	11.12	12.39
194	2.22	3.49	4.77	6.04	74	7.32	8.59	9.87	11.14	12.42
197	2.24	3.52	4.79	6.07	76	7.34	8.62	9.89	11.17	12.44
199	2.27	3.54	4.82	6.09	78	7.37	8.64	9.92	11.19	12.47
1.02	2.30	3.57	4.85	6.12	80	7.40	8.67	9.95	11.22	12.50
1.05	2.32	3.60	4.87	6.15	82	7.42	8.70	9.97	11.25	12.52
1.07	2.35	3.62	4.90	6.17	84	7.45	8.72	10.00	11.27	12.55
1.10	2.37	3.65	4.92	6.20	86	7.47	8.75	10.02	11.30	12.57
1.12	2.40	3.67	4.95	6.22	88	7.50	8.77	10.05	11.32	12.60
1.15	2.42	3.70	4.97	6.25	90	7.52	8.80	10.07	11.35	12.62
1.17	2.45	3.72	5.00	6.27	92	7.55	8.82	10.10	11.37	12.65
1.20	2.47	3.75	5.02	6.30	94	7.57	8.85	10.12	11.40	12.67
1.22	2.50	3.77	5.05	6.32	96	7.60	8.87	10.15	11.42	12.70
1.25	2.52	3.80	5.07	6.35	98	7.62	8.90	10.17	11.45	12.72

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
12.75	25.50	38.25	51.00		63.75	76.50	89.25	102.00	114.75
127.50	140.25	153.00	165.75	10	191.25	204.00	216.75	229.50	242.25
255.00	267.75	280.50	293.25	20	318.75	331.50	344.25	357.00	369.75



<b>2 to 98</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>feet</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	<b>900</b>
.03	1.30	2.60	3.90	5.20	2	6.50	7.80	9.10	10.40	11.70
.05	1.33	2.63	3.93	5.23	4	6.53	7.83	9.13	10.43	11.73
.08	1.35	2.65	3.95	5.25	4	6.55	7.85	9.15	10.45	11.75
.10	1.38	2.68	3.98	5.28	6	6.58	7.88	9.18	10.48	11.78
.10	1.40	2.70	4.00	5.30	8	6.60	7.90	9.20	10.50	11.80
.13	1.43	2.73	4.03	5.33	10	6.63	7.93	9.23	10.53	11.83
.16	1.46	2.76	4.06	5.36	12	6.66	7.96	9.26	10.56	11.86
.18	1.48	2.78	4.08	5.38	14	6.68	7.98	9.28	10.58	11.88
.21	1.51	2.81	4.11	5.41	16	6.71	8.01	9.31	10.61	11.91
.23	1.53	2.83	4.13	5.43	18	6.73	8.03	9.33	10.63	11.93
.26	1.56	2.86	4.16	5.46	20	6.76	8.06	9.36	10.66	11.96
.29	1.59	2.89	4.19	5.49	22	6.79	8.09	9.39	10.69	11.99
.31	1.61	2.91	4.21	5.51	24	6.81	8.11	9.41	10.71	12.01
.34	1.64	2.94	4.24	5.54	26	6.84	8.14	9.44	10.74	12.04
.36	1.66	2.96	4.26	5.56	28	6.86	8.16	9.46	10.76	12.06
.39	1.69	2.99	4.29	5.59	30	6.89	8.19	9.49	10.79	12.09
.42	1.72	3.02	4.32	5.62	32	6.92	8.22	9.52	10.82	12.12
.44	1.74	3.04	4.34	5.64	34	6.94	8.24	9.54	10.84	12.14
.47	1.77	3.07	4.37	5.67	36	6.97	8.27	9.57	10.87	12.17
.49	1.79	3.09	4.39	5.69	38	6.99	8.29	9.59	10.89	12.19
.52	1.82	3.12	4.42	5.72	40	7.02	8.32	9.62	10.92	12.22
.55	1.85	3.15	4.45	5.75	42	7.05	8.35	9.65	10.95	12.25
.57	1.87	3.17	4.47	5.77	44	7.07	8.37	9.67	10.97	12.27
.60	1.90	3.20	4.50	5.80	46	7.10	8.40	9.70	11.00	12.30
.62	1.92	3.22	4.52	5.82	48	7.12	8.42	9.72	11.02	12.32
.65	1.95	3.25	4.55	5.85	50	7.15	8.45	9.75	11.05	12.35

2 to 25	100	200	300	400	feet	500	600	700	800	900
.68	1.98	3.28	4.58	5.88	52	7.18	8.48	9.78	11.08	12.38
.70	2.00	3.30	4.60	5.90	54	7.20	8.50	9.80	11.10	12.40
.73	2.03	3.33	4.63	5.93	56	7.23	8.53	9.83	11.13	12.43
.75	2.05	3.35	4.65	5.95	58	7.25	8.55	9.85	11.15	12.45
.78	2.08	3.38	4.68	5.98	60	7.28	8.58	9.88	11.18	12.48
.81	2.11	3.41	4.71	6.01	62	7.31	8.61	9.91	11.21	12.51
.83	2.13	3.43	4.73	6.03	64	7.33	8.63	9.93	11.23	12.53
.86	2.16	3.46	4.76	6.06	66	7.36	8.66	9.96	11.26	12.56
.88	2.18	3.48	4.78	6.08	68	7.38	8.68	9.98	11.28	12.58
.91	2.21	3.51	4.81	6.11	70	7.41	8.71	10.01	11.31	12.61
.94	2.24	3.54	4.84	6.14	72	7.44	8.74	10.04	11.34	12.64
.96	2.26	3.56	4.86	6.16	74	7.46	8.76	10.06	11.36	12.66
.99	2.29	3.59	4.89	6.19	76	7.49	8.79	10.09	11.39	12.69
1.01	2.31	3.61	4.91	6.21	78	7.51	8.81	10.11	11.41	12.71
1.04	2.34	3.64	4.94	6.24	80	7.54	8.84	10.14	11.44	12.74
1.07	2.37	3.67	4.97	6.27	82	7.57	8.87	10.17	11.47	12.77
1.09	2.39	3.69	4.99	6.29	84	7.59	8.89	10.19	11.49	12.79
1.12	2.42	3.72	5.02	6.32	86	7.62	8.92	10.22	11.52	12.82
1.14	2.44	3.74	5.04	6.34	88	7.64	8.94	10.24	11.54	12.84
1.17	2.47	3.77	5.07	6.37	90	7.67	8.97	10.27	11.57	12.87
1.20	2.50	3.80	5.10	6.40	92	7.70	9.00	10.30	11.60	12.90
1.22	2.52	3.82	5.12	6.42	94	7.72	9.02	10.32	11.62	12.92
1.25	2.55	3.85	5.15	6.45	96	7.75	9.05	10.35	11.65	12.95
1.27	2.57	3.87	5.17	6.47	98	7.77	9.07	10.37	11.67	12.97

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
13.00	26.00	39.00	52.00		65.00	78.00	91.00	104.00	117.00
130.00	143.00	156.00	169.00	182.00	195.00	208.00	221.00	234.00	247.00
260.00	273.00	286.00	299.00	312.00	325.00	338.00	351.00	364.00	377.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
.03	1.33	2.65	3.98	5.30	2	6.63	7.95	9.28	10.60	11.93
.05	1.35	2.68	4.00	5.33	4	6.65	7.98	9.30	10.63	11.95
.08	1.38	2.70	4.03	5.35	6	6.68	8.00	9.33	10.65	11.98
.11	1.40	2.73	4.05	5.38	8	6.70	8.03	9.35	10.68	12.00
.13	1.43	2.76	4.08	5.41	10	6.73	8.06	9.38	10.71	12.03
.16	1.46	2.78	4.11	5.43	12	6.76	8.08	9.41	10.73	12.06
.19	1.48	2.81	4.13	5.46	14	6.78	8.11	9.43	10.76	12.08
.21	1.51	2.84	4.16	5.49	16	6.81	8.14	9.46	10.79	12.11
.24	1.54	2.86	4.19	5.51	18	6.84	8.16	9.49	10.81	12.14
.27	1.56	2.89	4.21	5.54	20	6.86	8.19	9.51	10.84	12.16
.29	1.59	2.92	4.24	5.57	22	6.89	8.22	9.54	10.87	12.19
.32	1.62	2.94	4.27	5.59	24	6.92	8.24	9.57	10.89	12.22
.34	1.64	2.97	4.29	5.62	26	6.94	8.27	9.59	10.92	12.24
.37	1.67	2.99	4.32	5.64	28	6.97	8.29	9.62	10.94	12.27
.40	1.70	3.02	4.35	5.67	30	7.00	8.32	9.65	10.97	12.30
.42	1.72	3.05	4.37	5.70	32	7.02	8.35	9.67	11.00	12.32
.45	1.75	3.07	4.40	5.72	34	7.05	8.37	9.70	11.02	12.35
.48	1.78	3.10	4.43	5.75	36	7.08	8.40	9.73	11.05	12.38
.50	1.80	3.13	4.45	5.78	38	7.10	8.43	9.75	11.08	12.40
.53	1.83	3.15	4.48	5.80	40	7.13	8.45	9.78	11.10	12.43
.56	1.86	3.18	4.51	5.83	42	7.16	8.48	9.81	11.13	12.46
.58	1.88	3.21	4.53	5.86	44	7.18	8.51	9.83	11.16	12.48
.61	1.91	3.23	4.56	5.88	46	7.21	8.53	9.86	11.18	12.51
.64	1.93	3.26	4.58	5.91	48	7.23	8.56	9.88	11.21	12.53
.66	1.96	3.29	4.61	5.94	50	7.26	8.59	9.91	11.24	12.56
.66	1.99	3.31	4.64	5.96	50	7.29	8.61	9.94	11.26	12.59

2 to 98	100	200	300	400	feet	500	600	700	800	900
.69	2.01	3.34	4.66	5.99	52	7.31	8.64	9.96	11.29	12.61
.72	2.04	3.37	4.69	6.02	54	7.34	8.67	9.99	11.32	12.64
.74	2.07	3.39	4.72	6.04	56	7.37	8.69	10.02	11.34	12.67
.77	2.09	3.42	4.74	6.07	58	7.39	8.72	10.04	11.37	12.69
.80	2.12	3.45	4.77	6.10	60	7.42	8.75	10.07	11.40	12.72
.82	2.15	3.47	4.80	6.12	62	7.45	8.77	10.10	11.42	12.75
.85	2.17	3.50	4.82	6.15	64	7.47	8.80	10.12	11.45	12.77
.87	2.20	3.52	4.85	6.17	66	7.50	8.82	10.15	11.47	12.80
.90	2.23	3.55	4.88	6.20	68	7.53	8.85	10.18	11.50	12.83
.93	2.25	3.58	4.90	6.23	70	7.55	8.88	10.20	11.53	12.85
.95	2.28	3.60	4.93	6.25	72	7.58	8.90	10.23	11.55	12.88
.98	2.31	3.63	4.96	6.28	74	7.61	8.93	10.26	11.58	12.91
1.01	2.33	3.66	4.98	6.31	76	7.63	8.96	10.28	11.61	12.93
1.03	2.36	3.68	5.01	6.33	78	7.66	8.98	10.31	11.63	12.96
1.06	2.39	3.71	5.04	6.36	80	7.69	9.01	10.34	11.66	12.99
1.09	2.41	3.74	5.06	6.39	82	7.71	9.04	10.36	11.69	13.01
1.11	2.44	3.76	5.09	6.41	84	7.74	9.06	10.39	11.71	13.04
1.14	2.46	3.79	5.11	6.44	86	7.76	9.09	10.41	11.74	13.06
1.17	2.49	3.82	5.14	6.47	88	7.79	9.12	10.44	11.77	13.09
1.19	2.52	3.84	5.17	6.49	90	7.82	9.14	10.47	11.79	13.12
1.22	2.54	3.87	5.19	6.52	92	7.84	9.17	10.49	11.82	13.14
1.25	2.57	3.90	5.22	6.55	94	7.87	9.20	10.52	11.85	13.17
1.27	2.60	3.92	5.25	6.57	96	7.90	9.22	10.55	11.87	13.20
1.30	2.62	3.95	5.27	6.60	98	7.92	9.25	10.57	11.90	13.22

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
132.50	13.25	26.50	39.75	53.00	10	66.25	79.50	92.75	106.00
145.75	145.75	159.00	172.25	185.50	10	198.75	212.00	225.25	238.50
265.00	278.25	291.50	304.75	318.00	20	331.25	344.50	357.75	371.00
									384.25

\$13

\$14

\$15

\$16

\$17

\$18

\$19

\$20

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
1.35	2.70	4.05	5.40	5.40		6.75	8.10	9.45	10.80	12.15
1.38	2.73	4.08	5.43	5.43	2	6.78	8.13	9.48	10.83	12.18
1.40	2.75	4.10	5.45	5.45	4	6.80	8.15	9.50	10.85	12.20
1.43	2.78	4.13	5.48	5.48	6	6.83	8.18	9.53	10.88	12.23
1.46	2.81	4.16	5.51	5.51	8	6.86	8.21	9.56	10.91	12.26
1.49	2.84	4.19	5.54	5.54	10	6.89	8.24	9.59	10.94	12.29
1.51	2.86	4.21	5.56	5.56	12	6.91	8.26	9.61	10.96	12.31
1.54	2.89	4.24	5.59	5.59	14	6.94	8.29	9.64	10.99	12.34
1.57	2.92	4.27	5.62	5.62	16	6.97	8.32	9.67	11.02	12.37
1.59	2.94	4.29	5.64	5.64	18	6.99	8.34	9.69	11.04	12.39
1.62	2.97	4.32	5.67	5.67	20	7.02	8.37	9.72	11.07	12.42
1.65	3.00	4.35	5.70	5.70	22	7.05	8.40	9.75	11.10	12.45
1.67	3.02	4.37	5.72	5.72	24	7.07	8.42	9.77	11.12	12.47
1.70	3.05	4.40	5.75	5.75	26	7.10	8.45	9.80	11.15	12.50
1.73	3.08	4.43	5.78	5.78	28	7.13	8.48	9.83	11.18	12.53
1.76	3.11	4.46	5.81	5.81	30	7.16	8.51	9.86	11.21	12.56
1.78	3.13	4.48	5.83	5.83	32	7.18	8.53	9.88	11.23	12.58
1.81	3.16	4.51	5.86	5.86	34	7.21	8.56	9.91	11.26	12.61
1.84	3.19	4.54	5.89	5.89	36	7.24	8.59	9.94	11.29	12.64
1.86	3.21	4.56	5.91	5.91	38	7.26	8.61	9.96	11.31	12.66
1.89	3.24	4.59	5.94	5.94	40	7.29	8.64	9.99	11.34	12.69
1.92	3.27	4.62	5.97	5.97	42	7.32	8.67	10.02	11.37	12.72
1.94	3.29	4.64	5.99	5.99	44	7.34	8.69	10.04	11.39	12.74
1.97	3.32	4.67	6.02	6.02	46	7.37	8.72	10.07	11.42	12.77
2.00	3.35	4.70	6.05	6.05	48	7.40	8.75	10.10	11.45	12.80
2.03	3.38	4.73	6.08	6.08	50	7.43	8.78	10.13	11.48	12.83

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.05	3.40	4.75	6.10	6.10	52	7.45	8.80	10.15	11.50	12.85
2.08	3.43	4.78	6.13	6.13	54	7.48	8.83	10.18	11.53	12.88
2.11	3.46	4.81	6.16	6.16	56	7.51	8.86	10.21	11.56	12.91
2.13	3.48	4.83	6.18	6.18	58	7.53	8.88	10.23	11.58	12.93
2.16	3.51	4.86	6.21	6.21	60	7.56	8.91	10.26	11.61	12.96
2.19	3.54	4.89	6.24	6.24	62	7.59	8.94	10.29	11.64	12.99
2.21	3.56	4.91	6.26	6.26	64	7.61	8.96	10.31	11.66	13.01
2.24	3.59	4.94	6.29	6.29	66	7.64	8.99	10.34	11.69	13.04
2.27	3.62	4.97	6.32	6.32	68	7.67	9.02	10.37	11.72	13.07
2.30	3.65	5.00	6.35	6.35	70	7.70	9.05	10.40	11.75	13.10
2.32	3.67	5.02	6.37	6.37	72	7.72	9.07	10.42	11.77	13.12
2.35	3.70	5.05	6.40	6.40	74	7.75	9.10	10.45	11.80	13.15
2.38	3.73	5.08	6.43	6.43	76	7.78	9.13	10.48	11.83	13.18
2.40	3.75	5.10	6.45	6.45	78	7.80	9.15	10.50	11.85	13.20
2.43	3.78	5.13	6.48	6.48	80	7.83	9.18	10.53	11.88	13.23
2.46	3.81	5.16	6.51	6.51	82	7.86	9.21	10.56	11.91	13.26
2.48	3.83	5.18	6.53	6.53	84	7.88	9.23	10.58	11.93	13.28
2.51	3.86	5.21	6.56	6.56	86	7.91	9.26	10.61	11.96	13.31
2.54	3.89	5.24	6.59	6.59	88	7.94	9.29	10.64	11.99	13.34
2.57	3.92	5.27	6.62	6.62	90	7.97	9.32	10.67	12.02	13.37
2.59	3.94	5.29	6.64	6.64	92	7.99	9.34	10.69	12.04	13.39
2.62	3.97	5.32	6.67	6.67	94	8.02	9.37	10.72	12.07	13.42
2.65	4.00	5.35	6.70	6.70	96	8.05	9.40	10.75	12.10	13.45
2.67	4.02	5.37	6.72	6.72	98	8.07	9.42	10.77	12.12	13.47

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
13.50	27.00	40.50	54.00		67.50	81.00	94.50	108.00	121.50
135.00	148.50	162.00	175.50	189.00	10	202.50	216.00	229.50	243.00
270.00	283.50	297.00	310.50	324.00	20	337.50	351.00	364.50	378.00

\$1.37½ Per 100

\$13.75 Per M.

85

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.38	2.75	4.13	5.50			6.88	8.25	9.63	11.00	12.38
1.40	2.78	4.15	5.53	2		6.90	8.28	9.65	11.03	12.40
1.43	2.81	4.18	5.56	4		6.93	8.31	9.68	11.06	12.43
1.46	2.83	4.21	5.58	6		6.96	8.33	9.71	11.08	12.46
1.49	2.86	4.24	5.61	8		6.99	8.36	9.74	11.11	12.49
1.51	2.89	4.26	5.64	10		7.01	8.39	9.76	11.14	12.51
1.54	2.92	4.29	5.67	12		7.04	8.42	9.79	11.17	12.54
1.57	2.94	4.32	5.69	14		7.07	8.44	9.82	11.19	12.57
1.60	2.97	4.35	5.72	16		7.10	8.47	9.85	11.22	12.60
1.62	3.00	4.37	5.75	18		7.12	8.50	9.87	11.25	12.62
1.65	3.03	4.40	5.78	20		7.15	8.53	9.90	11.28	12.65
1.68	3.05	4.43	5.80	22		7.18	8.55	9.93	11.30	12.68
1.71	3.08	4.46	5.83	24		7.21	8.58	9.96	11.33	12.71
1.73	3.11	4.48	5.86	26		7.23	8.61	9.98	11.36	12.73
1.76	3.14	4.51	5.89	28		7.26	8.64	10.01	11.39	12.76
1.79	3.16	4.54	5.91	30		7.29	8.66	10.04	11.41	12.79
1.82	3.19	4.57	5.94	32		7.32	8.69	10.07	11.44	12.82
1.84	3.22	4.59	5.97	34		7.34	8.72	10.09	11.47	12.84
1.87	3.25	4.62	6.00	36		7.37	8.75	10.12	11.50	12.87
1.90	3.27	4.65	6.02	38		7.40	8.77	10.15	11.52	12.90
1.93	3.30	4.68	6.05	40		7.43	8.80	10.18	11.55	12.93
1.95	3.33	4.70	6.08	42		7.45	8.83	10.20	11.58	12.95
1.98	3.36	4.73	6.11	44		7.48	8.86	10.23	11.61	12.98
2.01	3.38	4.76	6.13	46		7.51	8.88	10.26	11.63	13.01
2.04	3.41	4.79	6.16	48		7.54	8.91	10.29	11.66	13.04
2.06	3.44	4.81	6.19	50		7.56	8.94	10.31	11.69	13.06

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.09	3.47	4.84	6.22	52		7.59	8.97	10.34	11.72	13.09
2.12	3.49	4.87	6.24	54		7.62	8.99	10.37	11.74	13.12
2.15	3.52	4.90	6.27	56		7.65	9.02	10.40	11.77	13.15
2.17	3.55	4.92	6.30	58		7.67	9.05	10.42	11.80	13.17
2.20	3.58	4.95	6.33	60		7.70	9.08	10.45	11.83	13.20
2.23	3.60	4.98	6.35	62		7.73	9.10	10.48	11.85	13.23
2.26	3.63	5.01	6.38	64		7.76	9.13	10.51	11.88	13.26
2.28	3.66	5.03	6.41	66		7.78	9.16	10.53	11.91	13.28
2.31	3.69	5.06	6.44	68		7.81	9.19	10.56	11.94	13.31
2.34	3.71	5.09	6.46	70		7.84	9.21	10.59	11.96	13.34
2.37	3.74	5.12	6.49	72		7.87	9.24	10.62	11.99	13.37
2.39	3.77	5.14	6.52	74		7.89	9.27	10.64	12.02	13.39
2.42	3.80	5.17	6.55	76		7.92	9.30	10.67	12.05	13.42
2.45	3.82	5.20	6.57	78		7.95	9.32	10.70	12.07	13.45
2.48	3.85	5.23	6.60	80		7.98	9.35	10.73	12.10	13.48
2.50	3.88	5.25	6.63	82		8.00	9.38	10.75	12.13	13.50
2.53	3.91	5.28	6.66	84		8.03	9.41	10.78	12.16	13.53
2.56	3.93	5.31	6.68	86		8.06	9.43	10.81	12.18	13.56
2.59	3.96	5.34	6.71	88		8.09	9.46	10.84	12.21	13.59
2.61	3.99	5.36	6.74	90		8.11	9.49	10.86	12.24	13.61
2.64	4.02	5.39	6.77	92		8.14	9.52	10.89	12.27	13.64
2.67	4.04	5.42	6.79	94		8.17	9.54	10.92	12.29	13.67
2.70	4.07	5.45	6.82	96		8.20	9.57	10.95	12.32	13.70
2.72	4.10	5.47	6.85	98		8.22	9.60	10.97	12.35	13.72

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
13.75	27.50	41.25	55.00		88.75	102.50	116.25	130.00	143.75
151.25	165.00	178.75	192.50	10	206.25	220.00	233.75	247.50	261.25
275.00	288.75	302.50	316.25	20	343.75	357.50	371.25	385.00	398.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1.03	1.40	2.80	4.20	5.60	2	7.00	8.40	9.80	11.20	12.60
1.06	1.43	2.83	4.23	5.63	4	7.03	8.43	9.83	11.23	12.63
1.08	1.46	2.86	4.26	5.66	6	7.06	8.46	9.86	11.26	12.66
1.11	1.48	2.88	4.28	5.68	8	7.08	8.48	9.88	11.28	12.68
1.14	1.51	2.91	4.31	5.71	10	7.11	8.51	9.91	11.31	12.71
1.17	1.54	2.94	4.34	5.74	12	7.14	8.54	9.94	11.34	12.74
1.20	1.57	2.97	4.37	5.77	14	7.17	8.57	9.97	11.37	12.77
1.22	1.60	3.00	4.40	5.80	16	7.20	8.60	10.00	11.40	12.80
1.25	1.62	3.02	4.42	5.82	18	7.22	8.62	10.02	11.42	12.82
1.28	1.65	3.05	4.45	5.85	20	7.25	8.65	10.05	11.45	12.85
1.31	1.68	3.08	4.48	5.88	22	7.28	8.68	10.08	11.48	12.88
1.34	1.71	3.11	4.51	5.91	24	7.31	8.71	10.11	11.51	12.91
1.36	1.74	3.14	4.54	5.94	26	7.34	8.74	10.14	11.54	12.94
1.39	1.76	3.16	4.56	5.96	28	7.36	8.76	10.16	11.56	12.96
1.42	1.79	3.19	4.59	5.99	30	7.39	8.79	10.19	11.59	12.99
1.45	1.82	3.22	4.62	6.02	32	7.42	8.82	10.22	11.62	13.02
1.48	1.85	3.25	4.65	6.05	34	7.45	8.85	10.25	11.65	13.05
1.50	1.88	3.28	4.68	6.08	36	7.48	8.88	10.28	11.68	13.08
1.53	1.90	3.30	4.70	6.10	38	7.50	8.90	10.30	11.70	13.10
1.56	1.93	3.33	4.73	6.13	40	7.53	8.93	10.33	11.73	13.13
1.59	1.96	3.36	4.76	6.16	42	7.56	8.96	10.36	11.76	13.16
1.62	1.99	3.39	4.79	6.19	44	7.59	8.99	10.39	11.79	13.19
1.64	2.02	3.42	4.82	6.22	46	7.62	9.02	10.42	11.82	13.22
1.67	2.04	3.44	4.84	6.24	48	7.64	9.04	10.44	11.84	13.24
1.70	2.07	3.47	4.87	6.27	50	7.67	9.07	10.47	11.87	13.27
1.73	2.10	3.50	4.90	6.30		7.70	9.10	10.50	11.90	13.30

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.73	2.13	3.53	4.93	6.33	52	7.73	9.13	10.53	11.93	13.33
1.76	2.16	3.56	4.96	6.36	54	7.76	9.16	10.56	11.96	13.36
1.78	2.18	3.58	4.98	6.38	56	7.78	9.18	10.58	11.98	13.38
1.81	2.21	3.61	5.01	6.41	58	7.81	9.21	10.61	12.01	13.41
1.84	2.24	3.64	5.04	6.44	60	7.84	9.24	10.64	12.04	13.44
1.87	2.27	3.67	5.07	6.47	62	7.87	9.27	10.67	12.07	13.47
1.90	2.30	3.70	5.10	6.50	64	7.90	9.30	10.70	12.10	13.50
1.92	2.32	3.72	5.12	6.52	66	7.92	9.32	10.72	12.12	13.52
1.95	2.35	3.75	5.15	6.55	68	7.95	9.35	10.75	12.15	13.55
1.98	2.38	3.78	5.18	6.58	70	7.98	9.38	10.78	12.18	13.58
1.01	2.41	3.81	5.21	6.61	72	8.01	9.41	10.81	12.21	13.61
1.04	2.44	3.84	5.24	6.64	74	8.04	9.44	10.84	12.24	13.64
1.06	2.46	3.86	5.26	6.66	76	8.06	9.46	10.86	12.26	13.66
1.09	2.49	3.89	5.29	6.69	78	8.09	9.49	10.89	12.29	13.69
1.12	2.52	3.92	5.32	6.72	80	8.12	9.52	10.92	12.32	13.72
1.15	2.55	3.95	5.35	6.75	82	8.15	9.55	10.95	12.35	13.75
1.18	2.58	3.98	5.38	6.78	84	8.18	9.58	10.98	12.38	13.78
1.20	2.60	4.00	5.40	6.80	86	8.20	9.60	11.00	12.40	13.80
1.23	2.63	4.03	5.43	6.83	88	8.23	9.63	11.03	12.43	13.83
1.26	2.66	4.06	5.46	6.86	90	8.26	9.66	11.06	12.46	13.86
1.29	2.69	4.09	5.49	6.89	92	8.29	9.69	11.09	12.49	13.89
1.32	2.72	4.12	5.52	6.92	94	8.32	9.72	11.12	12.52	13.92
1.34	2.74	4.14	5.54	6.94	96	8.34	9.74	11.14	12.54	13.94
1.37	2.77	4.17	5.57	6.97	98	8.37	9.77	11.17	12.57	13.97

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
14.00	28.00	42.00	56.00	70.00	84.00	98.00	112.00	126.00	
140.00	154.00	168.00	182.00	196.00	210.00	224.00	238.00	252.00	266.00
280.00	294.00	308.00	322.00	336.00	350.00	364.00	378.00	392.00	406.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.03	1.43	2.85	4.28	5.70		7.13	8.55	9.98	11.40	12.83
1.06	1.45	2.88	4.30	5.73	2	7.15	8.58	10.00	11.43	12.85
1.09	1.48	2.91	4.33	5.76	4	7.18	8.61	10.03	11.46	12.88
1.11	1.51	2.94	4.36	5.79	6	7.21	8.64	10.06	11.49	12.91
1.14	1.54	2.96	4.39	5.81	8	7.24	8.66	10.09	11.51	12.94
1.17	1.57	2.99	4.42	5.84	10	7.27	8.69	10.12	11.54	12.97
1.20	1.60	3.02	4.45	5.87	12	7.30	8.72	10.15	11.57	13.00
1.23	1.62	3.05	4.47	5.90	14	7.32	8.75	10.17	11.60	13.02
1.26	1.65	3.08	4.50	5.93	16	7.35	8.78	10.20	11.63	13.05
1.29	1.68	3.11	4.53	5.96	18	7.38	8.81	10.23	11.66	13.08
1.31	1.71	3.14	4.56	5.99	20	7.41	8.84	10.26	11.69	13.11
1.34	1.74	3.16	4.59	6.01	22	7.44	8.86	10.29	11.71	13.14
1.37	1.77	3.19	4.62	6.04	24	7.47	8.89	10.32	11.74	13.17
1.40	1.80	3.22	4.65	6.07	26	7.50	8.92	10.35	11.77	13.20
1.43	1.82	3.25	4.67	6.10	28	7.52	8.95	10.37	11.80	13.22
1.46	1.85	3.28	4.70	6.13	30	7.55	8.98	10.40	11.83	13.25
1.48	1.88	3.31	4.73	6.16	32	7.58	9.01	10.43	11.86	13.28
1.51	1.91	3.33	4.76	6.18	34	7.61	9.03	10.46	11.88	13.31
1.54	1.94	3.36	4.79	6.21	36	7.64	9.06	10.49	11.91	13.34
1.57	1.97	3.39	4.82	6.24	38	7.67	9.09	10.52	11.94	13.37
1.60	2.00	3.42	4.85	6.27	40	7.70	9.12	10.55	11.97	13.40
1.63	2.02	3.45	4.87	6.30	42	7.72	9.15	10.57	12.00	13.42
1.66	2.05	3.48	4.90	6.33	44	7.75	9.18	10.60	12.03	13.45
1.68	2.08	3.51	4.93	6.36	46	7.78	9.21	10.63	12.06	13.48
1.71	2.11	3.53	4.96	6.38	48	7.81	9.23	10.66	12.08	13.51
1.74	2.14	3.56	4.99	6.41	50	7.84	9.26	10.69	12.11	13.54

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.74	2.17	3.59	5.02	6.44	52	7.87	9.29	10.72	12.14	13.57
1.77	2.19	3.62	5.04	6.47	54	7.90	9.32	10.74	12.17	13.60
1.80	2.22	3.65	5.07	6.50	56	7.92	9.35	10.77	12.20	13.62
1.83	2.25	3.68	5.10	6.53	58	7.95	9.38	10.80	12.23	13.65
1.86	2.28	3.71	5.13	6.56	60	7.98	9.41	10.83	12.26	13.68
1.88	2.31	3.73	5.16	6.58	62	8.01	9.43	10.86	12.28	13.71
1.91	2.34	3.76	5.19	6.61	64	8.04	9.46	10.89	12.31	13.74
1.94	2.37	3.79	5.22	6.64	66	8.07	9.49	10.92	12.34	13.77
1.97	2.39	3.82	5.24	6.67	68	8.09	9.52	10.94	12.37	13.79
2.00	2.42	3.85	5.27	6.70	70	8.12	9.55	10.97	12.40	13.82
2.03	2.45	3.88	5.30	6.73	72	8.15	9.58	11.00	12.43	13.85
2.05	2.48	3.90	5.33	6.75	74	8.18	9.60	11.03	12.45	13.88
2.08	2.51	3.93	5.36	6.78	76	8.21	9.63	11.06	12.48	13.91
2.11	2.54	3.96	5.39	6.81	78	8.24	9.66	11.09	12.51	13.94
2.14	2.57	3.99	5.42	6.84	80	8.27	9.69	11.12	12.54	13.97
2.17	2.59	4.02	5.44	6.87	82	8.29	9.72	11.14	12.57	13.99
2.20	2.62	4.05	5.47	6.90	84	8.32	9.75	11.17	12.60	14.02
2.23	2.65	4.08	5.50	6.93	86	8.35	9.78	11.20	12.63	14.05
2.25	2.68	4.10	5.53	6.95	88	8.38	9.80	11.23	12.65	14.08
2.28	2.71	4.13	5.56	6.98	90	8.41	9.83	11.26	12.68	14.11
2.31	2.74	4.16	5.59	7.01	92	8.44	9.86	11.29	12.71	14.14
2.34	2.76	4.19	5.61	7.04	94	8.46	9.89	11.31	12.74	14.16
2.37	2.79	4.22	5.64	7.07	96	8.49	9.92	11.34	12.77	14.19
2.40	2.82	4.25	5.67	7.10	98	8.52	9.95	11.37	12.80	14.22

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
142.50	156.75	171.00	185.25	199.50	213.75	228.00	242.25	256.50	270.75
285.00	299.25	313.50	327.75	342.00	356.25	370.50	384.75	399.00	413.25

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1	1.45	2.90	4.35	5.80		7.25	8.70	10.15	11.60	13.05
3	1.48	2.93	4.38	5.83	2	7.28	8.73	10.18	11.63	13.08
6	1.51	2.96	4.41	5.86	4	7.31	8.76	10.21	11.66	13.11
9	1.54	2.99	4.44	5.89	6	7.34	8.79	10.24	11.69	13.14
12	1.57	3.02	4.47	5.92	8	7.37	8.82	10.27	11.72	13.17
15	1.60	3.05	4.50	5.95	10	7.40	8.85	10.30	11.75	13.20
17	1.62	3.07	4.52	5.97	12	7.42	8.87	10.32	11.77	13.22
20	1.65	3.10	4.55	6.00	14	7.45	8.90	10.35	11.80	13.25
23	1.68	3.13	4.58	6.03	16	7.48	8.93	10.38	11.83	13.28
26	1.71	3.16	4.61	6.06	18	7.51	8.96	10.41	11.86	13.31
29	1.74	3.19	4.64	6.09	20	7.54	8.99	10.44	11.89	13.34
32	1.77	3.22	4.67	6.12	22	7.57	9.02	10.47	11.92	13.37
35	1.80	3.25	4.70	6.15	24	7.60	9.05	10.50	11.95	13.40
38	1.83	3.28	4.73	6.18	26	7.63	9.08	10.53	11.98	13.43
41	1.86	3.31	4.76	6.21	28	7.66	9.11	10.56	12.01	13.46
44	1.89	3.34	4.79	6.24	30	7.69	9.14	10.59	12.04	13.49
46	1.91	3.36	4.81	6.26	32	7.71	9.16	10.61	12.06	13.51
49	1.94	3.39	4.84	6.29	34	7.74	9.19	10.64	12.09	13.54
52	1.97	3.42	4.87	6.32	36	7.77	9.22	10.67	12.12	13.57
55	2.00	3.45	4.90	6.35	38	7.80	9.25	10.70	12.15	13.60
58	2.03	3.48	4.93	6.38	40	7.83	9.28	10.73	12.18	13.63
61	2.06	3.51	4.96	6.41	42	7.86	9.31	10.76	12.21	13.66
64	2.09	3.54	4.99	6.44	44	7.89	9.34	10.79	12.24	13.69
67	2.12	3.57	5.02	6.47	46	7.92	9.37	10.82	12.27	13.72
70	2.15	3.60	5.05	6.50	48	7.95	9.40	10.85	12.30	13.75
73	2.18	3.63	5.08	6.53	50	7.98	9.43	10.88	12.33	13.78

2 to 99	100	200	300	400	feet	500	600	700	800	900
75	2.20	3.65	5.10	6.55	52	8.00	9.45	10.90	12.35	13.80
78	2.23	3.68	5.13	6.58	54	8.03	9.48	10.93	12.38	13.83
81	2.26	3.71	5.16	6.61	56	8.06	9.51	10.96	12.41	13.86
84	2.29	3.74	5.19	6.64	58	8.09	9.54	10.99	12.44	13.89
87	2.32	3.77	5.22	6.67	60	8.12	9.57	11.02	12.47	13.92
90	2.35	3.80	5.25	6.70	62	8.15	9.60	11.05	12.50	13.95
93	2.38	3.83	5.28	6.73	64	8.18	9.63	11.08	12.53	13.98
96	2.41	3.86	5.31	6.76	66	8.21	9.66	11.11	12.56	14.01
99	2.44	3.89	5.34	6.79	68	8.24	9.69	11.14	12.59	14.04
1.02	2.47	3.92	5.37	6.82	70	8.27	9.72	11.17	12.62	14.07
1.04	2.49	3.94	5.39	6.84	72	8.29	9.74	11.19	12.64	14.09
1.07	2.52	3.97	5.42	6.87	74	8.32	9.77	11.22	12.67	14.12
1.10	2.55	4.00	5.45	6.90	76	8.35	9.80	11.25	12.70	14.15
1.13	2.58	4.03	5.48	6.93	78	8.38	9.83	11.28	12.73	14.18
1.16	2.61	4.06	5.51	6.96	80	8.41	9.86	11.31	12.76	14.21
1.19	2.64	4.09	5.54	6.99	82	8.44	9.89	11.34	12.79	14.24
1.22	2.67	4.12	5.57	7.02	84	8.47	9.92	11.37	12.82	14.27
1.25	2.70	4.15	5.60	7.05	86	8.50	9.95	11.40	12.85	14.30
1.28	2.73	4.18	5.63	7.08	88	8.53	9.98	11.43	12.88	14.33
1.31	2.76	4.21	5.66	7.11	90	8.56	10.01	11.46	12.91	14.36
1.33	2.78	4.23	5.68	7.13	92	8.58	10.03	11.48	12.93	14.38
1.36	2.81	4.26	5.71	7.16	94	8.61	10.06	11.51	12.96	14.41
1.39	2.84	4.29	5.74	7.19	96	8.64	10.09	11.54	12.99	14.44
1.42	2.87	4.32	5.77	7.22	98	8.67	10.12	11.57	13.02	14.47

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
145.00	29.00	43.50	58.00		72.50	87.00	101.50	116.00	130.50
159.50	159.50	174.00	188.50	203.00	217.50	232.00	246.50	261.00	275.50
200.00	304.50	319.00	333.50	348.00	362.50	377.00	391.50	406.00	420.50

\$1.47½ Per 100

\$14.75 Per M.

39

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.03	1.48	2.95	4.43	5.90	2	7.38	8.85	10.33	11.80	13.28
1.06	1.50	2.98	4.45	5.93	4	7.40	8.88	10.35	11.83	13.30
1.09	1.53	3.01	4.48	5.96	6	7.43	8.91	10.38	11.86	13.33
1.12	1.56	3.04	4.51	5.99	8	7.46	8.94	10.41	11.89	13.36
1.15	1.59	3.07	4.54	6.02	10	7.49	8.97	10.44	11.92	13.39
1.18	1.62	3.10	4.57	6.05	12	7.52	9.00	10.47	11.95	13.42
1.21	1.65	3.13	4.60	6.08	14	7.55	9.03	10.50	11.98	13.45
1.24	1.68	3.16	4.63	6.11	16	7.58	9.06	10.53	12.01	13.48
1.27	1.71	3.19	4.66	6.14	18	7.61	9.09	10.56	12.04	13.51
1.30	1.74	3.22	4.69	6.17	20	7.64	9.12	10.59	12.07	13.54
1.33	1.77	3.25	4.72	6.20	22	7.67	9.15	10.62	12.10	13.57
1.36	1.80	3.27	4.75	6.22	24	7.70	9.17	10.65	12.12	13.60
1.39	1.83	3.30	4.78	6.25	26	7.73	9.20	10.68	12.15	13.63
1.42	1.86	3.33	4.81	6.28	28	7.76	9.23	10.71	12.18	13.66
1.45	1.89	3.36	4.84	6.31	30	7.79	9.26	10.74	12.21	13.69
1.48	1.92	3.39	4.87	6.34	32	7.82	9.29	10.77	12.24	13.72
1.51	1.95	3.42	4.90	6.37	34	7.85	9.32	10.80	12.27	13.75
1.54	1.98	3.45	4.93	6.40	36	7.88	9.35	10.83	12.30	13.78
1.57	2.01	3.48	4.96	6.43	38	7.91	9.38	10.86	12.33	13.81
1.60	2.04	3.51	4.99	6.46	40	7.94	9.41	10.89	12.36	13.84
1.63	2.07	3.54	5.02	6.49	42	7.97	9.44	10.92	12.39	13.87
1.66	2.09	3.57	5.04	6.52	44	7.99	9.47	10.94	12.42	13.89
1.69	2.12	3.60	5.07	6.55	46	8.02	9.50	10.97	12.45	13.92
1.72	2.15	3.63	5.10	6.58	48	8.05	9.53	11.00	12.48	13.95
1.75	2.18	3.66	5.13	6.61	50	8.08	9.56	11.03	12.51	13.98
1.78	2.21	3.69	5.16	6.64		8.11	9.59	11.06	12.54	14.01

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.77	2.24	3.72	5.19	6.67	52	8.14	9.62	11.09	12.57	14.04
1.80	2.27	3.75	5.22	6.70	54	8.17	9.65	11.12	12.60	14.07
1.83	2.30	3.78	5.25	6.73	56	8.20	9.68	11.15	12.63	14.10
1.86	2.33	3.81	5.28	6.76	58	8.23	9.71	11.18	12.66	14.13
1.89	2.36	3.84	5.31	6.79	60	8.26	9.74	11.21	12.69	14.16
1.91	2.39	3.86	5.34	6.81	62	8.29	9.76	11.24	12.71	14.19
1.94	2.42	3.89	5.37	6.84	64	8.32	9.79	11.27	12.74	14.22
1.97	2.45	3.92	5.40	6.87	66	8.35	9.82	11.30	12.77	14.25
1.00	2.48	3.95	5.43	6.90	68	8.38	9.85	11.33	12.80	14.28
1.03	2.51	3.98	5.46	6.93	70	8.41	9.88	11.36	12.83	14.31
1.06	2.54	4.01	5.49	6.96	72	8.44	9.91	11.39	12.86	14.34
1.09	2.57	4.04	5.52	6.99	74	8.47	9.94	11.42	12.89	14.37
1.12	2.60	4.07	5.55	7.02	76	8.50	9.97	11.45	12.92	14.40
1.15	2.63	4.10	5.58	7.05	78	8.53	10.00	11.48	12.95	14.43
1.18	2.66	4.13	5.61	7.08	80	8.56	10.03	11.51	12.98	14.46
1.21	2.68	4.16	5.63	7.11	82	8.58	10.06	11.53	13.01	14.48
1.24	2.71	4.19	5.66	7.14	84	8.61	10.09	11.56	13.04	14.51
1.27	2.74	4.22	5.69	7.17	86	8.64	10.12	11.59	13.07	14.54
1.30	2.77	4.25	5.72	7.20	88	8.67	10.15	11.62	13.10	14.57
1.33	2.80	4.28	5.75	7.23	90	8.70	10.18	11.65	13.13	14.60
1.36	2.83	4.31	5.78	7.26	92	8.73	10.21	11.68	13.16	14.63
1.39	2.86	4.34	5.81	7.29	94	8.76	10.24	11.71	13.19	14.66
1.42	2.89	4.37	5.84	7.32	96	8.79	10.27	11.74	13.22	14.69
1.45	2.92	4.40	5.87	7.35	98	8.82	10.30	11.77	13.25	14.72

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
14.75	29.50	44.25	59.00		73.75	88.50	103.25	118.00	132.75
147.50	162.25	177.00	191.75	10	221.25	236.00	250.75	265.50	280.25
295.00	309.75	324.50	339.25	20	368.75	383.50	398.25	413.00	427.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1.03	1.50	3.00	4.50	6.00	2	7.50	9.00	10.50	12.00	13.50
1.06	1.53	3.03	4.53	6.03	4	7.53	9.03	10.53	12.03	13.53
1.09	1.56	3.06	4.56	6.06	6	7.56	9.06	10.56	12.06	13.56
1.12	1.59	3.09	4.59	6.09	8	7.59	9.09	10.59	12.09	13.59
1.15	1.62	3.12	4.62	6.12	10	7.62	9.12	10.62	12.12	13.62
1.18	1.65	3.15	4.65	6.15	12	7.65	9.15	10.65	12.15	13.65
1.21	1.68	3.18	4.68	6.18	14	7.68	9.18	10.68	12.18	13.68
1.24	1.71	3.21	4.71	6.21	16	7.71	9.21	10.71	12.21	13.71
1.27	1.74	3.24	4.74	6.24	18	7.74	9.24	10.74	12.24	13.74
1.30	1.77	3.27	4.77	6.27	20	7.77	9.27	10.77	12.27	13.77
1.33	1.80	3.30	4.80	6.30	22	7.80	9.30	10.80	12.30	13.80
1.36	1.83	3.33	4.83	6.33	24	7.83	9.33	10.83	12.33	13.83
1.39	1.86	3.36	4.86	6.36	26	7.86	9.36	10.86	12.36	13.86
1.42	1.89	3.39	4.89	6.39	28	7.89	9.39	10.89	12.39	13.89
1.45	1.92	3.42	4.92	6.42	30	7.92	9.42	10.92	12.42	13.92
1.48	1.95	3.45	4.95	6.45	32	7.95	9.45	10.95	12.45	13.95
1.51	1.98	3.48	4.98	6.48	34	7.98	9.48	10.98	12.48	13.98
1.54	2.01	3.51	5.01	6.51	36	8.01	9.51	11.01	12.51	14.01
1.57	2.04	3.54	5.04	6.54	38	8.04	9.54	11.04	12.54	14.04
1.60	2.07	3.57	5.07	6.57	40	8.07	9.57	11.07	12.57	14.07
1.63	2.10	3.60	5.10	6.60	42	8.10	9.60	11.10	12.60	14.10
1.66	2.13	3.63	5.13	6.63	44	8.13	9.63	11.13	12.63	14.13
1.69	2.16	3.66	5.16	6.66	46	8.16	9.66	11.16	12.66	14.16
1.72	2.19	3.69	5.19	6.69	48	8.19	9.69	11.19	12.69	14.19
1.75	2.22	3.72	5.22	6.72	50	8.22	9.72	11.22	12.72	14.22
1.78	2.25	3.75	5.25	6.75	52	8.25	9.75	11.25	12.75	14.25

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.78	2.28	3.78	5.28	6.78	52	8.28	9.78	11.28	12.78	14.28
1.81	2.31	3.81	5.31	6.81	54	8.31	9.81	11.31	12.81	14.31
1.84	2.34	3.84	5.34	6.84	56	8.34	9.84	11.34	12.84	14.34
1.87	2.37	3.87	5.37	6.87	58	8.37	9.87	11.37	12.87	14.37
1.90	2.40	3.90	5.40	6.90	60	8.40	9.90	11.40	12.90	14.40
1.93	2.43	3.93	5.43	6.93	62	8.43	9.93	11.43	12.93	14.43
1.96	2.46	3.96	5.46	6.96	64	8.46	9.96	11.46	12.96	14.46
1.99	2.49	3.99	5.49	6.99	66	8.49	9.99	11.49	12.99	14.49
1.02	2.52	4.02	5.52	7.02	68	8.52	10.02	11.52	13.02	14.52
1.05	2.55	4.05	5.55	7.05	70	8.55	10.05	11.55	13.05	14.55
1.08	2.58	4.08	5.58	7.08	72	8.58	10.08	11.58	13.08	14.58
1.11	2.61	4.11	5.61	7.11	74	8.61	10.11	11.61	13.11	14.61
1.14	2.64	4.14	5.64	7.14	76	8.64	10.14	11.64	13.14	14.64
1.17	2.67	4.17	5.67	7.17	78	8.67	10.17	11.67	13.17	14.67
1.20	2.70	4.20	5.70	7.20	80	8.70	10.20	11.70	13.20	14.70
1.23	2.73	4.23	5.73	7.23	82	8.73	10.23	11.73	13.23	14.73
1.26	2.76	4.26	5.76	7.26	84	8.76	10.26	11.76	13.26	14.76
1.29	2.79	4.29	5.79	7.29	86	8.79	10.29	11.79	13.29	14.79
1.32	2.82	4.32	5.82	7.32	88	8.82	10.32	11.82	13.32	14.82
1.35	2.85	4.35	5.85	7.35	90	8.85	10.35	11.85	13.35	14.85
1.38	2.88	4.38	5.88	7.38	92	8.88	10.38	11.88	13.38	14.88
1.41	2.91	4.41	5.91	7.41	94	8.91	10.41	11.91	13.41	14.91
1.44	2.94	4.44	5.94	7.44	96	8.94	10.44	11.94	13.44	14.94
1.47	2.97	4.47	5.97	7.47	98	8.97	10.47	11.97	13.47	14.97

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
150.00	165.00	180.00	195.00	210.00	225.00	240.00	255.00	270.00	285.00
300.00	315.00	330.00	345.00	360.00	375.00	390.00	405.00	420.00	435.00

\$1.52½ Per 100

\$15.25 Per M.

41

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.53	3.05	4.58	6.10	7.63	9.15	10.68	12.20	13.73		
1.56	3.08	4.61	6.13	7.66	9.18	10.71	12.23	13.76		
1.59	3.11	4.64	6.16	7.69	9.21	10.74	12.26	13.79		
1.62	3.14	4.67	6.19	7.72	9.24	10.77	12.29	13.82		
1.65	3.17	4.70	6.22	7.75	9.27	10.80	12.32	13.85		
1.68	3.20	4.73	6.25	7.78	9.30	10.83	12.35	13.88		
1.71	3.23	4.76	6.28	7.81	9.33	10.86	12.38	13.91		
1.74	3.26	4.79	6.31	7.84	9.36	10.89	12.41	13.94		
1.77	3.29	4.82	6.34	7.87	9.39	10.92	12.44	13.97		
1.80	3.32	4.85	6.37	7.90	9.42	10.95	12.47	14.00		
1.83	3.36	4.88	6.41	7.93	9.46	10.98	12.51	14.03		
1.86	3.39	4.91	6.44	7.96	9.49	11.01	12.54	14.06		
1.89	3.42	4.94	6.47	7.99	9.52	11.04	12.57	14.09		
1.92	3.45	4.97	6.50	8.02	9.55	11.07	12.60	14.12		
1.95	3.48	5.00	6.53	8.05	9.58	11.10	12.63	14.15		
1.98	3.51	5.03	6.56	8.08	9.61	11.13	12.66	14.18		
2.01	3.54	5.06	6.59	8.11	9.64	11.16	12.69	14.21		
2.04	3.57	5.09	6.62	8.14	9.67	11.19	12.72	14.24		
2.07	3.60	5.12	6.65	8.17	9.70	11.22	12.75	14.27		
2.10	3.63	5.15	6.68	8.20	9.73	11.25	12.78	14.30		
2.14	3.66	5.19	6.71	8.24	9.76	11.29	12.81	14.34		
2.17	3.69	5.22	6.74	8.27	9.79	11.32	12.84	14.37		
2.20	3.72	5.25	6.77	8.30	9.82	11.35	12.87	14.40		
2.23	3.75	5.28	6.80	8.33	9.85	11.38	12.90	14.43		
2.26	3.78	5.31	6.83	8.36	9.88	11.41	12.93	14.46		
2.29	3.81	5.34	6.86	8.39	9.91	11.44	12.96	14.49		

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.32	3.84	5.37	6.89	8.42	9.94	11.47	12.99	14.52		
2.35	3.87	5.40	6.92	8.45	9.97	11.50	13.02	14.55		
2.38	3.90	5.43	6.95	8.48	10.00	11.53	13.05	14.58		
2.41	3.93	5.46	6.98	8.51	10.03	11.56	13.08	14.61		
2.44	3.97	5.49	7.02	8.54	10.07	11.59	13.12	14.64		
2.47	4.00	5.52	7.05	8.57	10.10	11.62	13.15	14.67		
2.50	4.03	5.55	7.08	8.60	10.13	11.65	13.18	14.70		
2.53	4.06	5.58	7.11	8.63	10.16	11.68	13.21	14.73		
2.56	4.09	5.61	7.14	8.66	10.19	11.71	13.24	14.76		
2.59	4.12	5.64	7.17	8.69	10.22	11.74	13.27	14.79		
2.62	4.15	5.67	7.20	8.72	10.25	11.77	13.30	14.82		
2.65	4.18	5.70	7.23	8.75	10.28	11.80	13.33	14.85		
2.68	4.21	5.73	7.26	8.78	10.31	11.83	13.36	14.88		
2.71	4.24	5.76	7.29	8.81	10.34	11.86	13.39	14.91		
2.75	4.27	5.80	7.32	8.85	10.37	11.90	13.42	14.95		
2.78	4.30	5.83	7.35	8.88	10.40	11.93	13.45	14.98		
2.81	4.33	5.86	7.38	8.91	10.43	11.96	13.48	15.01		
2.84	4.36	5.89	7.41	8.94	10.46	11.99	13.51	15.04		
2.87	4.39	5.92	7.44	8.97	10.49	12.02	13.54	15.07		
2.90	4.42	5.95	7.47	9.00	10.52	12.05	13.57	15.10		
2.93	4.45	5.98	7.50	9.03	10.55	12.08	13.60	15.13		
2.96	4.48	6.01	7.53	9.06	10.58	12.11	13.63	15.16		
2.99	4.51	6.04	7.56	9.09	10.61	12.14	13.66	15.19		
3.02	4.54	6.07	7.59	9.12	10.64	12.17	13.69	15.22		

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
15.25	30.50	45.75	61.00	76.25	91.50	106.75	122.00	137.25	
152.50	167.75	183.00	198.25	213.50	228.75	244.00	259.25	274.50	
305.00	320.25	335.50	350.75	366.00	381.25	396.50	411.75	427.00	

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2 to 98	100	200	300	400	feet	500	600	700	800	900
81	1.55	3.10	4.65	6.20		7.75	9.30	10.85	12.40	13.95
83	1.58	3.13	4.68	6.23	2	7.78	9.33	10.88	12.43	13.98
86	1.61	3.16	4.71	6.26	4	7.81	9.36	10.91	12.46	14.01
89	1.64	3.19	4.74	6.29	6	7.84	9.39	10.94	12.49	14.04
92	1.67	3.22	4.77	6.32	8	7.87	9.42	10.97	12.52	14.07
95	1.71	3.26	4.81	6.36	10	7.91	9.46	11.01	12.56	14.11
98	1.74	3.29	4.84	6.39	12	7.94	9.49	11.04	12.59	14.14
101	1.77	3.32	4.87	6.42	14	7.97	9.52	11.07	12.62	14.17
104	1.80	3.35	4.90	6.45	16	8.00	9.55	11.10	12.65	14.20
107	1.83	3.38	4.93	6.48	18	8.03	9.58	11.13	12.68	14.23
110	1.86	3.41	4.96	6.51	20	8.06	9.61	11.16	12.71	14.26
113	1.89	3.44	4.99	6.54	22	8.09	9.64	11.19	12.74	14.29
116	1.92	3.47	5.02	6.57	24	8.12	9.67	11.22	12.77	14.32
119	1.95	3.50	5.05	6.60	26	8.15	9.70	11.25	12.80	14.35
122	1.98	3.53	5.08	6.63	28	8.18	9.73	11.28	12.83	14.38
125	2.02	3.57	5.12	6.67	30	8.22	9.77	11.32	12.87	14.42
128	2.05	3.60	5.15	6.70	32	8.25	9.80	11.35	12.90	14.45
131	2.08	3.63	5.18	6.73	34	8.28	9.83	11.38	12.93	14.48
134	2.11	3.66	5.21	6.76	36	8.31	9.86	11.41	12.96	14.51
137	2.14	3.69	5.24	6.79	38	8.34	9.89	11.44	12.99	14.54
140	2.17	3.72	5.27	6.82	40	8.37	9.92	11.47	13.02	14.57
143	2.20	3.75	5.30	6.85	42	8.40	9.95	11.50	13.05	14.60
146	2.23	3.78	5.33	6.88	44	8.43	9.98	11.53	13.08	14.63
149	2.26	3.81	5.36	6.91	46	8.46	10.01	11.56	13.11	14.66
152	2.29	3.84	5.39	6.94	48	8.49	10.04	11.59	13.14	14.69
155	2.33	3.88	5.43	6.98	50	8.53	10.08	11.63	13.18	14.73

2 to 98	100	200	300	400	feet	500	600	700	800	900
81	2.36	3.91	5.46	7.01	52	8.56	10.11	11.66	13.21	14.76
84	2.39	3.94	5.49	7.04	54	8.59	10.14	11.69	13.24	14.79
87	2.42	3.97	5.52	7.07	56	8.62	10.17	11.72	13.27	14.82
90	2.45	4.00	5.55	7.10	58	8.65	10.20	11.75	13.30	14.85
93	2.48	4.03	5.58	7.13	60	8.68	10.23	11.78	13.33	14.88
96	2.51	4.06	5.61	7.16	62	8.71	10.26	11.81	13.36	14.91
99	2.54	4.09	5.64	7.19	64	8.74	10.29	11.84	13.39	14.94
102	2.57	4.12	5.67	7.22	66	8.77	10.32	11.87	13.42	14.97
105	2.60	4.15	5.70	7.25	68	8.80	10.35	11.90	13.45	15.00
109	2.64	4.19	5.74	7.29	70	8.84	10.39	11.94	13.49	15.04
112	2.67	4.22	5.77	7.32	72	8.87	10.42	11.97	13.52	15.07
115	2.70	4.25	5.80	7.35	74	8.90	10.45	12.00	13.55	15.10
118	2.73	4.28	5.83	7.38	76	8.93	10.48	12.03	13.58	15.13
121	2.76	4.31	5.86	7.41	78	8.96	10.51	12.06	13.61	15.16
124	2.79	4.34	5.89	7.44	80	8.99	10.54	12.09	13.64	15.19
127	2.82	4.37	5.92	7.47	82	9.02	10.57	12.12	13.67	15.22
130	2.85	4.40	5.95	7.50	84	9.05	10.60	12.15	13.70	15.25
133	2.88	4.43	5.98	7.53	86	9.08	10.63	12.18	13.73	15.28
136	2.91	4.46	6.01	7.56	88	9.11	10.66	12.21	13.76	15.31
140	2.95	4.50	6.05	7.60	90	9.15	10.70	12.25	13.80	15.35
143	2.98	4.53	6.08	7.63	92	9.18	10.73	12.28	13.83	15.38
146	3.01	4.56	6.11	7.66	94	9.21	10.76	12.31	13.86	15.41
149	3.04	4.59	6.14	7.69	96	9.24	10.79	12.34	13.89	15.44
152	3.07	4.62	6.17	7.72	98	9.27	10.82	12.37	13.92	15.47

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
15.50	31.00	46.50	62.00		77.50	93.00	108.50	124.00	139.50
155.00	170.50	186.00	201.50	10	232.50	248.00	263.50	279.00	294.50
310.00	325.50	341.00	356.50	20	387.50	403.00	418.50	434.00	449.50

\$1.57½ Per 100

\$15.75 Per M

43

2 to 98	100	200	300	400	feet	500	600	700	800	900
.03	1.58	3.15	4.73	6.30	2	7.88	9.45	11.03	12.60	14.18
.06	1.61	3.18	4.76	6.33	4	7.91	9.48	11.06	12.63	14.21
.09	1.64	3.21	4.79	6.36	6	7.94	9.51	11.09	12.66	14.24
.13	1.67	3.24	4.82	6.39	8	7.97	9.54	11.12	12.69	14.27
.16	1.70	3.28	4.85	6.43	10	8.00	9.58	11.15	12.73	14.30
.19	1.73	3.31	4.88	6.46	12	8.03	9.61	11.18	12.76	14.33
.22	1.76	3.34	4.91	6.49	14	8.06	9.64	11.21	12.79	14.36
.25	1.80	3.37	4.95	6.52	16	8.10	9.67	11.25	12.82	14.40
.28	1.83	3.40	4.98	6.55	18	8.13	9.70	11.28	12.85	14.43
.32	1.86	3.43	5.01	6.58	20	8.16	9.73	11.31	12.88	14.46
.35	1.89	3.47	5.04	6.62	22	8.19	9.77	11.34	12.92	14.49
.38	1.92	3.50	5.07	6.65	24	8.22	9.80	11.37	12.95	14.52
.41	1.95	3.53	5.10	6.68	26	8.25	9.83	11.40	12.98	14.55
.44	1.98	3.56	5.13	6.71	28	8.28	9.86	11.43	13.01	14.58
.47	2.02	3.59	5.17	6.74	30	8.32	9.89	11.47	13.04	14.62
.50	2.05	3.62	5.20	6.77	32	8.35	9.92	11.50	13.07	14.65
.54	2.08	3.65	5.23	6.80	34	8.38	9.95	11.53	13.10	14.68
.57	2.11	3.69	5.26	6.84	36	8.41	9.99	11.56	13.14	14.71
.60	2.14	3.72	5.29	6.87	38	8.44	10.02	11.59	13.17	14.74
.63	2.17	3.75	5.32	6.90	40	8.47	10.05	11.62	13.20	14.77
.66	2.21	3.78	5.36	6.93	42	8.51	10.08	11.66	13.23	14.81
.69	2.24	3.81	5.39	6.96	44	8.54	10.11	11.69	13.26	14.84
.72	2.27	3.84	5.42	6.99	46	8.57	10.14	11.72	13.29	14.87
.76	2.30	3.87	5.45	7.02	48	8.60	10.17	11.75	13.32	14.90
.79	2.33	3.91	5.48	7.06	50	8.63	10.21	11.78	13.36	14.93
.79	2.36	3.94	5.51	7.09	50	8.66	10.24	11.81	13.39	14.96

2 to 98	100	200	300	400	feet	500	600	700	800	900
.82	2.39	3.97	5.54	7.12	52	8.69	10.27	11.84	13.42	14.99
.85	2.43	4.00	5.58	7.15	54	8.73	10.30	11.88	13.45	15.03
.88	2.46	4.03	5.61	7.18	56	8.76	10.33	11.91	13.48	15.06
.91	2.49	4.06	5.64	7.21	58	8.79	10.36	11.94	13.51	15.09
.95	2.52	4.10	5.67	7.25	60	8.82	10.40	11.97	13.55	15.12
.98	2.55	4.13	5.70	7.28	62	8.85	10.43	12.00	13.58	15.15
1.01	2.58	4.16	5.73	7.31	64	8.88	10.46	12.03	13.61	15.18
1.04	2.61	4.19	5.76	7.34	66	8.91	10.49	12.06	13.64	15.21
1.07	2.65	4.22	5.80	7.37	68	8.95	10.52	12.10	13.67	15.25
1.10	2.68	4.25	5.83	7.40	70	8.98	10.55	12.13	13.70	15.28
1.13	2.71	4.28	5.86	7.43	72	9.01	10.58	12.16	13.73	15.31
1.17	2.74	4.32	5.89	7.47	74	9.04	10.62	12.19	13.77	15.34
1.20	2.77	4.35	5.92	7.50	76	9.07	10.65	12.22	13.80	15.37
1.23	2.80	4.38	5.95	7.53	78	9.10	10.68	12.25	13.83	15.40
1.26	2.84	4.41	5.99	7.56	80	9.14	10.71	12.29	13.86	15.44
1.29	2.87	4.44	6.02	7.59	82	9.17	10.74	12.32	13.89	15.47
1.32	2.90	4.47	6.05	7.62	84	9.20	10.77	12.35	13.92	15.50
1.35	2.93	4.50	6.08	7.65	86	9.23	10.80	12.38	13.95	15.53
1.39	2.96	4.54	6.11	7.69	88	9.26	10.84	12.41	13.99	15.56
1.42	2.99	4.57	6.14	7.72	90	9.29	10.87	12.44	14.02	15.59
1.45	3.02	4.60	6.17	7.75	92	9.32	10.90	12.47	14.05	15.62
1.48	3.06	4.63	6.21	7.78	94	9.36	10.93	12.51	14.08	15.66
1.51	3.09	4.66	6.24	7.81	96	9.39	10.96	12.54	14.11	15.69
1.54	3.12	4.69	6.27	7.84	98	9.42	10.99	12.57	14.14	15.72

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
15.75	31.50	47.25	63.00	10	78.75	94.50	110.25	126.00	141.75
157.50	173.25	189.00	204.75	20	236.25	252.00	267.75	283.50	299.25
315.00	330.75	346.50	362.25	30	393.75	409.50	425.25	441.00	456.75

\$16

\$17

\$18

\$19

\$20

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
1.03	1.60	3.20	4.80	6.40	2	8.00	9.60	11.20	12.80	14.40
1.06	1.63	3.23	4.83	6.43	4	8.03	9.63	11.23	12.83	14.43
1.10	1.66	3.26	4.86	6.46	6	8.06	9.66	11.26	12.86	14.46
1.13	1.70	3.30	4.90	6.50	8	8.10	9.70	11.30	12.90	14.50
1.16	1.73	3.33	4.93	6.53	10	8.13	9.73	11.33	12.93	14.53
1.19	1.76	3.36	4.96	6.56	12	8.16	9.76	11.36	12.96	14.56
1.22	1.79	3.39	4.99	6.59	14	8.19	9.79	11.39	12.99	14.59
1.26	1.82	3.42	5.02	6.62	16	8.22	9.82	11.42	13.02	14.62
1.29	1.86	3.46	5.06	6.66	18	8.26	9.86	11.46	13.06	14.66
1.32	1.89	3.49	5.09	6.69	20	8.29	9.89	11.49	13.09	14.69
1.35	1.92	3.52	5.12	6.72	22	8.32	9.92	11.52	13.12	14.72
1.38	1.95	3.55	5.15	6.75	24	8.35	9.95	11.55	13.15	14.75
1.42	1.98	3.58	5.18	6.78	26	8.38	9.98	11.58	13.18	14.78
1.45	2.02	3.62	5.22	6.82	28	8.42	10.02	11.62	13.22	14.82
1.48	2.05	3.65	5.25	6.85	30	8.45	10.05	11.65	13.25	14.85
1.51	2.08	3.68	5.28	6.88	32	8.48	10.08	11.68	13.28	14.88
1.54	2.11	3.71	5.31	6.91	34	8.51	10.11	11.71	13.31	14.91
1.58	2.14	3.74	5.34	6.94	36	8.54	10.14	11.74	13.34	14.94
1.61	2.18	3.78	5.38	6.98	38	8.58	10.18	11.78	13.38	14.98
1.64	2.21	3.81	5.41	7.01	40	8.61	10.21	11.81	13.41	15.01
1.67	2.24	3.84	5.44	7.04	42	8.64	10.24	11.84	13.44	15.04
1.70	2.27	3.87	5.47	7.07	44	8.67	10.27	11.87	13.47	15.07
1.74	2.30	3.90	5.50	7.10	46	8.70	10.30	11.90	13.50	15.10
1.77	2.34	3.94	5.54	7.14	48	8.74	10.34	11.94	13.54	15.14
1.80	2.37	3.97	5.57	7.17	50	8.77	10.37	11.97	13.57	15.17
1.83	2.40	4.00	5.60	7.20	52	8.80	10.40	12.00	13.60	15.20

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.83	2.43	4.03	5.63	7.23	52	8.83	10.43	12.03	13.63	15.23
1.86	2.46	4.06	5.66	7.26	54	8.86	10.46	12.06	13.66	15.26
1.90	2.50	4.10	5.70	7.30	56	8.90	10.50	12.10	13.70	15.30
1.93	2.53	4.13	5.73	7.33	58	8.93	10.53	12.13	13.73	15.33
1.96	2.56	4.16	5.76	7.36	60	8.96	10.56	12.16	13.76	15.36
1.99	2.59	4.19	5.79	7.39	62	8.99	10.59	12.19	13.79	15.39
1.02	2.62	4.22	5.82	7.42	64	9.02	10.62	12.22	13.82	15.42
1.06	2.66	4.26	5.86	7.46	66	9.06	10.66	12.26	13.86	15.46
1.09	2.69	4.29	5.89	7.49	68	9.09	10.69	12.29	13.89	15.49
1.12	2.72	4.32	5.92	7.52	70	9.12	10.72	12.32	13.92	15.52
1.15	2.75	4.35	5.95	7.55	72	9.15	10.75	12.35	13.95	15.55
1.18	2.78	4.38	5.98	7.58	74	9.18	10.78	12.38	13.98	15.58
1.22	2.82	4.42	6.02	7.62	76	9.22	10.82	12.42	14.02	15.62
1.25	2.85	4.45	6.05	7.65	78	9.25	10.85	12.45	14.05	15.65
1.28	2.88	4.48	6.08	7.68	80	9.28	10.88	12.48	14.08	15.68
1.31	2.91	4.51	6.11	7.71	82	9.31	10.91	12.51	14.11	15.71
1.34	2.94	4.54	6.14	7.74	84	9.34	10.94	12.54	14.14	15.74
1.38	2.98	4.58	6.18	7.78	86	9.38	10.98	12.58	14.18	15.78
1.41	3.01	4.61	6.21	7.81	88	9.41	11.01	12.61	14.21	15.81
1.44	3.04	4.64	6.24	7.84	90	9.44	11.04	12.64	14.24	15.84
1.47	3.07	4.67	6.27	7.87	92	9.47	11.07	12.67	14.27	15.87
1.50	3.10	4.70	6.30	7.90	94	9.50	11.10	12.70	14.30	15.90
1.54	3.14	4.74	6.34	7.94	96	9.54	11.14	12.74	14.34	15.94
1.57	3.17	4.77	6.37	7.97	98	9.57	11.17	12.77	14.37	15.97

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
16.00	32.00	48.00	64.00	80.00	96.00	112.00	128.00	144.00	
160.00	176.00	192.00	208.00	224.00	240.00	256.00	272.00	288.00	304.00
320.00	336.00	352.00	368.00	384.00	400.00	416.00	432.00	448.00	464.00

\$1.62½ Per 100

\$16.25 Per M.

45

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.63	3.25	4.88	6.50		8.13	9.75	11.38	13.00	14.63	
1.03	1.66	3.28	4.91	6.53	2	8.16	9.78	11.41	13.03	14.66
1.07	1.69	3.32	4.94	6.57	4	8.19	9.82	11.44	13.07	14.69
1.10	1.72	3.35	4.97	6.60	6	8.22	9.85	11.47	13.10	14.72
1.13	1.76	3.38	5.01	6.63	8	8.26	9.88	11.51	13.13	14.76
1.16	1.79	3.41	5.04	6.66	10	8.29	9.91	11.54	13.16	14.79
1.20	1.82	3.45	5.07	6.70	12	8.32	9.95	11.57	13.20	14.82
1.23	1.85	3.48	5.10	6.73	14	8.35	9.98	11.60	13.23	14.85
1.26	1.89	3.51	5.14	6.76	16	8.39	10.01	11.64	13.26	14.89
1.29	1.92	3.54	5.17	6.79	18	8.42	10.04	11.67	13.29	14.92
1.33	1.95	3.58	5.20	6.83	20	8.45	10.08	11.70	13.33	14.95
1.36	1.98	3.61	5.23	6.86	22	8.48	10.11	11.73	13.36	14.98
1.39	2.02	3.64	5.27	6.89	24	8.52	10.14	11.77	13.39	15.02
1.42	2.05	3.67	5.30	6.92	26	8.55	10.17	11.80	13.42	15.05
1.46	2.08	3.71	5.33	6.96	28	8.58	10.21	11.83	13.46	15.08
1.49	2.11	3.74	5.36	6.99	30	8.61	10.24	11.86	13.49	15.11
1.52	2.15	3.77	5.40	7.02	32	8.65	10.27	11.90	13.52	15.15
1.55	2.18	3.80	5.43	7.05	34	8.68	10.30	11.93	13.55	15.18
1.59	2.21	3.84	5.46	7.09	36	8.71	10.34	11.96	13.59	15.21
1.62	2.24	3.87	5.49	7.12	38	8.74	10.37	11.99	13.62	15.24
1.65	2.28	3.90	5.53	7.15	40	8.78	10.40	12.03	13.65	15.28
1.68	2.31	3.93	5.56	7.18	42	8.81	10.43	12.06	13.68	15.31
1.72	2.34	3.97	5.59	7.22	44	8.84	10.47	12.09	13.72	15.34
1.75	2.37	4.00	5.62	7.25	46	8.87	10.50	12.12	13.75	15.37
1.78	2.41	4.03	5.66	7.28	48	8.91	10.53	12.16	13.78	15.41
1.81	2.44	4.06	5.69	7.31	50	8.94	10.56	12.19	13.81	15.44

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.85	2.47	4.10	5.72	7.35	52	8.97	10.60	12.22	13.85	15.47
1.88	2.50	4.13	5.75	7.38	54	9.00	10.63	12.25	13.88	15.50
1.91	2.54	4.16	5.79	7.41	56	9.04	10.66	12.29	13.91	15.54
1.94	2.57	4.20	5.82	7.44	58	9.07	10.70	12.32	13.94	15.57
1.98	2.60	4.23	5.85	7.48	60	9.10	10.73	12.35	13.98	15.60
1.01	2.63	4.26	5.88	7.51	62	9.13	10.76	12.38	14.01	15.63
1.04	2.67	4.29	5.92	7.54	64	9.17	10.79	12.42	14.04	15.67
1.07	2.70	4.32	5.95	7.57	66	9.20	10.82	12.45	14.07	15.70
1.11	2.73	4.36	5.98	7.61	68	9.23	10.86	12.48	14.11	15.73
1.14	2.76	4.39	6.01	7.64	70	9.26	10.89	12.51	14.14	15.76
1.17	2.80	4.42	6.05	7.67	72	9.30	10.92	12.55	14.17	15.80
1.20	2.83	4.45	6.08	7.70	74	9.33	10.95	12.58	14.20	15.83
1.24	2.86	4.49	6.11	7.74	76	9.36	10.99	12.61	14.24	15.86
1.27	2.89	4.52	6.14	7.77	78	9.39	11.02	12.64	14.27	15.89
1.30	2.93	4.55	6.18	7.80	80	9.43	11.05	12.68	14.30	15.93
1.33	2.96	4.58	6.21	7.83	82	9.46	11.08	12.71	14.33	15.96
1.37	2.99	4.62	6.24	7.87	84	9.49	11.12	12.74	14.37	15.99
1.40	3.02	4.65	6.27	7.90	86	9.52	11.15	12.77	14.40	16.02
1.43	3.06	4.68	6.31	7.93	88	9.56	11.18	12.81	14.43	16.06
1.46	3.09	4.71	6.34	7.96	90	9.59	11.21	12.84	14.46	16.09
1.50	3.12	4.75	6.37	8.00	92	9.62	11.25	12.87	14.50	16.12
1.53	3.15	4.78	6.40	8.03	94	9.65	11.28	12.90	14.53	16.15
1.56	3.19	4.81	6.44	8.06	96	9.69	11.31	12.94	14.56	16.19
1.59	3.22	4.84	6.47	8.09	98	9.72	11.34	12.97	14.59	16.22

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
16.25	32.60	48.75	65.00		81.25	97.50	113.75	130.00	146.25
162.50	178.75	195.00	211.25	227.50	10	243.75	260.00	276.25	292.50
325.00	341.25	357.50	373.75	390.00	20	406.25	422.50	438.75	455.00
									471.25

\$16

\$17

\$18

\$19

\$20

\$21

\$22

\$23

\$24

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\$26

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\$28

\$29

\$30

\$31



2 to 95	100	200	300	400	feet	500	600	700	800	900
	1.65	3.30	4.95	6.60		8.25	9.90	11.55	13.20	14.85
.03	1.68	3.33	4.98	6.63	2	8.28	9.93	11.58	13.23	14.88
.07	1.72	3.37	5.02	6.67	4	8.32	9.97	11.62	13.27	14.92
.10	1.75	3.40	5.05	6.70	6	8.35	10.00	11.65	13.30	14.95
.13	1.78	3.43	5.08	6.73	8	8.38	10.03	11.68	13.33	14.98
.17	1.82	3.47	5.12	6.77	10	8.42	10.07	11.72	13.37	15.02
.20	1.85	3.50	5.15	6.80	12	8.45	10.10	11.75	13.40	15.05
.23	1.88	3.53	5.18	6.83	14	8.48	10.13	11.78	13.43	15.08
.26	1.91	3.56	5.21	6.86	16	8.51	10.16	11.81	13.46	15.11
.30	1.95	3.60	5.25	6.90	18	8.55	10.20	11.85	13.50	15.15
.33	1.98	3.63	5.28	6.93	20	8.58	10.23	11.88	13.53	15.18
.36	2.01	3.66	5.31	6.96	22	8.61	10.26	11.91	13.56	15.21
.40	2.05	3.70	5.35	7.00	24	8.65	10.30	11.95	13.60	15.25
.43	2.08	3.73	5.38	7.03	26	8.68	10.33	11.98	13.63	15.28
.46	2.11	3.76	5.41	7.06	28	8.71	10.36	12.01	13.66	15.31
.50	2.15	3.80	5.45	7.10	30	8.75	10.40	12.05	13.70	15.35
.53	2.18	3.83	5.48	7.13	32	8.78	10.43	12.08	13.73	15.38
.56	2.21	3.86	5.51	7.16	34	8.81	10.46	12.11	13.76	15.41
.59	2.24	3.89	5.54	7.19	36	8.84	10.49	12.14	13.79	15.44
.63	2.28	3.93	5.58	7.23	38	8.88	10.53	12.18	13.83	15.48
.66	2.31	3.96	5.61	7.26	40	8.91	10.56	12.21	13.86	15.51
.69	2.34	3.99	5.64	7.29	42	8.94	10.59	12.24	13.89	15.54
.73	2.38	4.03	5.68	7.33	44	8.98	10.63	12.28	13.93	15.58
.76	2.41	4.06	5.71	7.36	46	9.01	10.66	12.31	13.96	15.61
.79	2.44	4.09	5.74	7.39	48	9.04	10.69	12.34	13.99	15.64
.83	2.48	4.13	5.78	7.43	50	9.08	10.73	12.38	14.03	15.68

2 to 95	100	200	300	400	feet	500	600	700	800	900
.86	2.51	4.16	5.81	7.46	52	9.11	10.76	12.41	14.06	15.71
.89	2.54	4.19	5.84	7.49	54	9.14	10.79	12.44	14.09	15.74
.92	2.57	4.22	5.87	7.52	56	9.17	10.82	12.47	14.12	15.77
.96	2.61	4.26	5.91	7.56	58	9.21	10.86	12.51	14.16	15.81
.99	2.64	4.29	5.94	7.59	60	9.24	10.89	12.54	14.19	15.84
1.02	2.67	4.32	5.97	7.62	62	9.27	10.92	12.57	14.22	15.87
1.06	2.71	4.36	6.01	7.66	64	9.31	10.96	12.61	14.26	15.91
1.09	2.74	4.39	6.04	7.69	66	9.34	10.99	12.64	14.29	15.94
1.12	2.77	4.42	6.07	7.72	68	9.37	11.02	12.67	14.32	15.97
1.16	2.81	4.46	6.11	7.76	70	9.41	11.06	12.71	14.36	16.01
1.19	2.84	4.49	6.14	7.79	72	9.44	11.09	12.74	14.39	16.04
1.22	2.87	4.52	6.17	7.82	74	9.47	11.12	12.77	14.42	16.07
1.25	2.90	4.55	6.20	7.85	76	9.50	11.15	12.80	14.45	16.10
1.29	2.94	4.59	6.24	7.89	78	9.54	11.19	12.84	14.49	16.14
1.32	2.97	4.62	6.27	7.92	80	9.57	11.22	12.87	14.52	16.17
1.35	3.00	4.65	6.30	7.95	82	9.60	11.25	12.90	14.55	16.20
1.39	3.04	4.69	6.34	7.99	84	9.64	11.29	12.94	14.59	16.24
1.42	3.07	4.72	6.37	8.02	86	9.67	11.32	12.97	14.62	16.27
1.45	3.10	4.75	6.40	8.05	88	9.70	11.35	13.00	14.65	16.30
1.49	3.14	4.79	6.44	8.09	90	9.74	11.39	13.04	14.69	16.34
1.52	3.17	4.82	6.47	8.12	92	9.77	11.42	13.07	14.72	16.37
1.55	3.20	4.85	6.50	8.15	94	9.80	11.45	13.10	14.75	16.40
1.58	3.23	4.88	6.53	8.18	96	9.83	11.48	13.13	14.78	16.43
1.62	3.27	4.92	6.57	8.22	98	9.87	11.52	13.17	14.82	16.47

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
16.50	83.00	49.50	66.00		82.50	99.00	115.50	132.00	148.50
105.00	181.50	198.00	214.50	231.00	10	247.50	264.00	280.50	297.00
330.00	346.50	363.00	379.50	396.00	20	412.50	429.00	445.50	462.00

\$1.67½ Per 100

\$16.75 Per M.

47

10 98	100	200	300	400	feet	500	600	700	800	900
.03	1.68	3.35	5.03	6.70	2	8.38	10.05	11.73	13.40	15.08
.07	1.71	3.38	5.06	6.73	4	8.41	10.08	11.76	13.43	15.11
.10	1.74	3.42	5.09	6.77	6	8.44	10.12	11.79	13.47	15.14
.13	1.78	3.45	5.13	6.80	8	8.48	10.15	11.83	13.50	15.18
.17	1.81	3.48	5.16	6.83	10	8.51	10.18	11.86	13.53	15.21
.20	1.84	3.52	5.19	6.87	12	8.54	10.22	11.89	13.57	15.24
.23	1.88	3.55	5.23	6.90	14	8.58	10.25	11.93	13.60	15.28
.27	1.91	3.58	5.26	6.93	16	8.61	10.28	11.96	13.63	15.31
.30	1.94	3.62	5.29	6.97	18	8.64	10.32	11.99	13.67	15.34
.34	1.98	3.65	5.33	7.00	20	8.68	10.35	12.03	13.70	15.38
.37	2.01	3.69	5.36	7.04	22	8.71	10.39	12.06	13.74	15.41
.40	2.04	3.72	5.39	7.07	24	8.74	10.42	12.09	13.77	15.44
.44	2.08	3.75	5.43	7.10	26	8.78	10.45	12.13	13.80	15.48
.47	2.11	3.79	5.46	7.14	28	8.81	10.49	12.16	13.84	15.51
.50	2.14	3.82	5.49	7.17	30	8.84	10.52	12.19	13.87	15.54
.54	2.18	3.85	5.53	7.20	32	8.88	10.55	12.23	13.90	15.58
.57	2.21	3.89	5.56	7.24	34	8.91	10.59	12.26	13.94	15.61
.60	2.24	3.92	5.59	7.27	36	8.94	10.62	12.29	13.97	15.64
.64	2.28	3.95	5.63	7.30	38	8.98	10.65	12.33	14.00	15.68
.67	2.31	3.99	5.66	7.34	40	9.01	10.69	12.36	14.04	15.71
.70	2.35	4.02	5.70	7.37	42	9.05	10.72	12.40	14.07	15.75
.74	2.38	4.05	5.73	7.40	44	9.08	10.75	12.43	14.10	15.78
.77	2.41	4.09	5.76	7.44	46	9.11	10.79	12.46	14.14	15.81
.80	2.45	4.12	5.80	7.47	48	9.15	10.82	12.50	14.17	15.85
.84	2.48	4.15	5.83	7.50	50	9.18	10.85	12.53	14.20	15.88
.88	2.51	4.19	5.86	7.54	52	9.21	10.89	12.56	14.24	15.91

2 to 98	100	200	300	400	feet	500	600	700	800	900
.87	2.55	4.22	5.90	7.57	52	9.25	10.92	12.60	14.27	15.95
.90	2.58	4.25	5.93	7.60	54	9.28	10.95	12.63	14.30	15.98
.94	2.61	4.29	5.96	7.64	56	9.31	10.99	12.66	14.34	16.01
.97	2.65	4.32	6.00	7.67	58	9.35	11.02	12.70	14.37	16.05
1.01	2.68	4.36	6.03	7.71	60	9.38	11.06	12.73	14.41	16.08
1.04	2.71	4.39	6.06	7.74	62	9.41	11.09	12.76	14.44	16.11
1.07	2.75	4.42	6.10	7.77	64	9.45	11.12	12.80	14.47	16.15
1.11	2.78	4.46	6.13	7.81	66	9.48	11.16	12.83	14.51	16.18
1.14	2.81	4.49	6.16	7.84	68	9.51	11.19	12.86	14.54	16.21
1.17	2.85	4.52	6.20	7.87	70	9.55	11.22	12.90	14.57	16.25
1.21	2.88	4.56	6.23	7.91	72	9.58	11.26	12.93	14.61	16.28
1.24	2.91	4.59	6.26	7.94	74	9.61	11.29	12.96	14.64	16.31
1.27	2.95	4.62	6.30	7.97	76	9.65	11.32	13.00	14.67	16.35
1.31	2.98	4.66	6.33	8.01	78	9.68	11.36	13.03	14.71	16.38
1.34	3.02	4.69	6.37	8.04	80	9.72	11.39	13.07	14.74	16.42
1.37	3.05	4.72	6.40	8.07	82	9.75	11.42	13.10	14.77	16.45
1.41	3.08	4.76	6.43	8.11	84	9.78	11.46	13.13	14.81	16.48
1.44	3.12	4.79	6.47	8.14	86	9.82	11.49	13.17	14.84	16.52
1.47	3.15	4.82	6.50	8.17	88	9.85	11.52	13.20	14.87	16.55
1.51	3.18	4.86	6.53	8.21	90	9.88	11.56	13.23	14.91	16.58
1.54	3.22	4.89	6.57	8.24	92	9.92	11.59	13.27	14.94	16.62
1.57	3.25	4.92	6.60	8.27	94	9.95	11.62	13.30	14.97	16.65
1.61	3.28	4.96	6.63	8.31	96	9.98	11.66	13.33	15.01	16.68
1.64	3.32	4.99	6.67	8.34	98	10.02	11.69	13.37	15.04	16.72

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
16.75	33.50	50.25	67.00		83.75	100.50	117.25	134.00	150.75
187.50	184.25	201.00	217.75	234.50	10	251.25	268.00	284.75	301.50
335.00	351.75	368.50	385.25	402.00	20	418.75	435.50	452.25	469.00
								469.00	485.75

\$32

\$17

\$18

\$19

\$20

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

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\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.03	1.70	3.40	5.10	6.80	2	8.50	10.20	11.90	13.60	15.30
.07	1.73	3.43	5.13	6.83	4	8.53	10.23	11.93	13.63	15.33
.10	1.77	3.47	5.17	6.87	6	8.57	10.27	11.97	13.67	15.37
.14	1.80	3.50	5.20	6.90	8	8.60	10.30	12.00	13.70	15.40
.17	1.84	3.54	5.24	6.94	10	8.64	10.34	12.04	13.74	15.44
.20	1.87	3.57	5.27	6.97	12	8.67	10.37	12.07	13.77	15.47
.24	1.90	3.60	5.30	7.00	14	8.70	10.40	12.10	13.80	15.50
.27	1.94	3.64	5.34	7.04	16	8.74	10.44	12.14	13.84	15.54
.31	1.97	3.67	5.37	7.07	18	8.77	10.47	12.17	13.87	15.57
.34	2.01	3.71	5.41	7.11	20	8.81	10.51	12.21	13.91	15.61
.37	2.04	3.74	5.44	7.14	22	8.84	10.54	12.24	13.94	15.64
.41	2.07	3.77	5.47	7.17	24	8.87	10.57	12.27	13.97	15.67
.44	2.11	3.81	5.51	7.21	26	8.91	10.61	12.31	14.01	15.71
.48	2.14	3.84	5.54	7.24	28	8.94	10.64	12.34	14.04	15.74
.51	2.18	3.88	5.58	7.28	30	8.98	10.68	12.38	14.08	15.78
.54	2.21	3.91	5.61	7.31	32	9.01	10.71	12.41	14.11	15.81
.58	2.24	3.94	5.64	7.34	34	9.04	10.74	12.44	14.14	15.84
.61	2.28	3.98	5.68	7.38	36	9.08	10.78	12.48	14.18	15.88
.65	2.31	4.01	5.71	7.41	38	9.11	10.81	12.51	14.21	15.91
.68	2.35	4.05	5.75	7.45	40	9.15	10.85	12.55	14.25	15.95
.71	2.38	4.08	5.78	7.48	42	9.18	10.88	12.58	14.28	15.98
.75	2.41	4.11	5.81	7.51	44	9.21	10.91	12.61	14.31	16.01
.78	2.45	4.15	5.85	7.55	46	9.25	10.95	12.65	14.35	16.05
.82	2.48	4.18	5.88	7.58	48	9.28	10.98	12.68	14.38	16.08
.85	2.52	4.22	5.92	7.62	50	9.32	11.02	12.72	14.42	16.12
.88	2.55	4.25	5.95	7.65	52	9.35	11.05	12.75	14.45	16.15

2 to 98	100	200	300	400	feet	500	600	700	800	900
.88	2.58	4.28	5.98	7.68	54	9.38	11.08	12.78	14.48	16.18
.92	2.62	4.32	6.02	7.72	56	9.42	11.12	12.82	14.52	16.22
.95	2.65	4.35	6.05	7.75	58	9.45	11.15	12.85	14.55	16.25
.99	2.69	4.39	6.09	7.79	60	9.49	11.19	12.89	14.59	16.29
1.02	2.72	4.42	6.12	7.82	62	9.52	11.22	12.92	14.62	16.32
1.05	2.75	4.45	6.15	7.85	64	9.55	11.25	12.95	14.65	16.35
1.09	2.79	4.49	6.19	7.89	66	9.59	11.29	12.99	14.69	16.39
1.12	2.82	4.52	6.22	7.92	68	9.62	11.32	13.02	14.72	16.42
1.16	2.86	4.56	6.26	7.96	70	9.66	11.36	13.06	14.76	16.46
1.19	2.89	4.59	6.29	7.99	72	9.69	11.39	13.09	14.79	16.49
1.22	2.92	4.62	6.32	8.02	74	9.72	11.42	13.12	14.82	16.52
1.26	2.96	4.66	6.36	8.06	76	9.76	11.46	13.16	14.86	16.56
1.29	2.99	4.69	6.39	8.09	78	9.79	11.49	13.19	14.89	16.59
1.33	3.03	4.73	6.43	8.13	80	9.83	11.53	13.23	14.93	16.63
1.36	3.06	4.76	6.46	8.16	82	9.86	11.56	13.26	14.96	16.66
1.39	3.09	4.79	6.49	8.19	84	9.89	11.59	13.29	14.99	16.69
1.43	3.13	4.83	6.53	8.23	86	9.93	11.63	13.33	15.03	16.73
1.46	3.16	4.86	6.56	8.26	88	9.96	11.66	13.36	15.06	16.76
1.50	3.20	4.90	6.60	8.30	90	10.00	11.70	13.40	15.10	16.80
1.53	3.23	4.93	6.63	8.33	92	10.03	11.73	13.43	15.13	16.83
1.56	3.26	4.96	6.66	8.36	94	10.06	11.76	13.46	15.16	16.86
1.60	3.30	5.00	6.70	8.40	96	10.10	11.80	13.50	15.20	16.90
1.63	3.33	5.03	6.73	8.43	98	10.13	11.83	13.53	15.23	16.93
1.67	3.37	5.07	6.77	8.47	100	10.17	11.87	13.57	15.27	16.97

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
17.00	34.00	51.00	68.00		85.00	102.00	119.00	136.00	153.00
170.00	187.00	204.00	221.00	238.00	255.00	272.00	289.00	306.00	323.00
340.00	357.00	374.00	391.00	408.00	425.00	442.00	459.00	476.00	493.00

\$1.72½ Per 100

\$17.25 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1.73	3.45	5.18	6.90		2	8.63	10.35	12.08	13.80	15.53
1.03	1.76	3.48	5.21	6.93	4	8.66	10.38	12.11	13.83	15.56
1.07	1.79	3.52	5.24	6.97	6	8.69	10.42	12.14	13.87	15.59
1.10	1.83	3.55	5.28	7.00	8	8.73	10.45	12.18	13.90	15.63
1.14	1.86	3.59	5.31	7.04	10	8.76	10.49	12.21	13.94	15.66
1.17	1.90	3.62	5.35	7.07	12	8.80	10.52	12.25	13.97	15.70
1.21	1.93	3.66	5.38	7.11	14	8.83	10.56	12.28	14.01	15.73
1.24	1.97	3.69	5.42	7.14	16	8.87	10.59	12.32	14.04	15.77
1.28	2.00	3.73	5.45	7.18	18	8.90	10.63	12.35	14.08	15.80
1.31	2.04	3.76	5.49	7.21	20	8.94	10.66	12.39	14.11	15.84
1.35	2.07	3.80	5.52	7.25	22	8.97	10.70	12.42	14.15	15.87
1.38	2.10	3.83	5.55	7.28	24	9.00	10.73	12.45	14.18	15.90
1.41	2.14	3.86	5.59	7.31	26	9.04	10.76	12.49	14.21	15.94
1.45	2.17	3.90	5.62	7.35	28	9.07	10.80	12.52	14.25	15.97
1.48	2.21	3.93	5.66	7.38	30	9.11	10.83	12.56	14.28	16.01
1.52	2.24	3.97	5.69	7.42	32	9.14	10.87	12.59	14.32	16.04
1.55	2.28	4.00	5.73	7.45	34	9.18	10.90	12.63	14.35	16.08
1.59	2.31	4.04	5.76	7.49	36	9.21	10.94	12.66	14.39	16.11
1.62	2.35	4.07	5.80	7.52	38	9.25	10.97	12.70	14.42	16.15
1.66	2.38	4.11	5.83	7.56	40	9.28	11.01	12.73	14.46	16.18
1.69	2.42	4.14	5.87	7.59	42	9.32	11.04	12.77	14.49	16.22
1.72	2.45	4.17	5.90	7.62	44	9.35	11.07	12.80	14.52	16.25
1.76	2.48	4.21	5.93	7.66	46	9.38	11.11	12.83	14.56	16.28
1.79	2.52	4.24	5.97	7.69	48	9.42	11.14	12.87	14.59	16.32
1.83	2.55	4.28	6.00	7.73	50	9.45	11.18	12.90	14.63	16.35
1.86	2.59	4.31	6.04	7.76		9.49	11.21	12.94	14.66	16.39

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.90	2.62	4.35	6.07	7.80	52	9.52	11.25	12.97	14.70	16.42
1.93	2.66	4.38	6.11	7.83	54	9.56	11.28	13.01	14.73	16.46
1.97	2.69	4.42	6.14	7.87	56	9.59	11.32	13.04	14.77	16.49
1.00	2.73	4.45	6.18	7.90	58	9.63	11.35	13.08	14.80	16.53
1.04	2.76	4.49	6.21	7.94	60	9.66	11.39	13.11	14.84	16.56
1.07	2.79	4.52	6.24	7.97	62	9.69	11.42	13.14	14.87	16.59
1.10	2.83	4.55	6.28	8.00	64	9.73	11.45	13.18	14.90	16.63
1.14	2.86	4.59	6.31	8.04	66	9.76	11.49	13.21	14.94	16.66
1.17	2.90	4.62	6.35	8.07	68	9.80	11.52	13.25	14.97	16.70
1.21	2.93	4.66	6.38	8.11	70	9.83	11.56	13.28	15.01	16.73
1.24	2.97	4.69	6.42	8.14	72	9.87	11.59	13.32	15.04	16.77
1.28	3.00	4.73	6.45	8.18	74	9.90	11.63	13.35	15.08	16.80
1.31	3.04	4.76	6.49	8.21	76	9.94	11.66	13.39	15.11	16.84
1.35	3.07	4.80	6.52	8.25	78	9.97	11.70	13.42	15.15	16.87
1.38	3.11	4.83	6.56	8.28	80	10.01	11.73	13.46	15.18	16.91
1.41	3.14	4.86	6.59	8.31	82	10.04	11.76	13.49	15.21	16.94
1.45	3.17	4.90	6.62	8.35	84	10.07	11.80	13.52	15.25	16.97
1.48	3.21	4.93	6.66	8.38	86	10.11	11.83	13.56	15.28	17.01
1.52	3.24	4.97	6.69	8.42	88	10.14	11.87	13.59	15.32	17.04
1.55	3.28	5.00	6.73	8.45	90	10.18	11.90	13.63	15.35	17.08
1.59	3.31	5.04	6.76	8.49	92	10.21	11.94	13.66	15.39	17.11
1.62	3.35	5.07	6.80	8.52	94	10.25	11.97	13.70	15.42	17.15
1.66	3.38	5.11	6.83	8.56	96	10.28	12.01	13.73	15.46	17.18
1.69	3.42	5.14	6.87	8.59	98	10.32	12.04	13.77	15.49	17.22

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
172.50	189.75	207.00	224.25	241.50	10	258.75	276.00	293.25	310.50
345.00	362.25	379.50	396.75	414.00	20	431.25	448.50	465.75	483.00
									500.25

\$32

\$17

\$18

\$19

\$20

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



ft to 98	100	200	300	400	feet	500	600	700	800	900
.04	1.75	3.50	5.25	7.00	2	8.75	10.50	12.25	14.00	15.75
.07	1.79	3.54	5.29	7.04	2	8.79	10.54	12.29	14.04	15.79
.11	1.82	3.57	5.32	7.07	4	8.82	10.57	12.32	14.07	15.82
.14	1.86	3.61	5.36	7.11	6	8.86	10.61	12.36	14.11	15.86
.18	1.89	3.64	5.39	7.14	8	8.89	10.64	12.39	14.14	15.89
.21	1.93	3.68	5.43	7.18	10	8.93	10.68	12.43	14.18	15.93
.25	1.96	3.71	5.46	7.21	12	8.96	10.71	12.46	14.21	15.96
.28	2.00	3.75	5.50	7.25	14	9.00	10.75	12.50	14.25	16.00
.32	2.03	3.78	5.53	7.28	16	9.03	10.78	12.53	14.28	16.03
.35	2.07	3.82	5.57	7.32	18	9.07	10.82	12.57	14.32	16.07
.39	2.10	3.85	5.60	7.35	20	9.10	10.85	12.60	14.35	16.10
.42	2.14	3.89	5.64	7.39	22	9.14	10.89	12.64	14.39	16.14
.46	2.17	3.92	5.67	7.42	24	9.17	10.92	12.67	14.42	16.17
.49	2.21	3.96	5.71	7.46	26	9.21	10.96	12.71	14.46	16.21
.53	2.24	3.99	5.74	7.49	28	9.24	10.99	12.74	14.49	16.24
.56	2.28	4.03	5.78	7.53	30	9.28	11.03	12.78	14.53	16.28
.60	2.31	4.06	5.81	7.56	32	9.31	11.06	12.81	14.56	16.31
.63	2.35	4.10	5.85	7.60	34	9.35	11.10	12.85	14.60	16.35
.67	2.38	4.13	5.88	7.63	36	9.38	11.13	12.88	14.63	16.38
.70	2.42	4.17	5.92	7.67	38	9.42	11.17	12.92	14.67	16.42
.74	2.45	4.20	5.95	7.70	40	9.45	11.20	12.95	14.70	16.45
.77	2.49	4.24	5.99	7.74	42	9.49	11.24	12.99	14.74	16.49
.81	2.52	4.27	6.02	7.77	44	9.52	11.27	13.02	14.77	16.52
.84	2.56	4.31	6.06	7.81	46	9.56	11.31	13.06	14.81	16.56
.88	2.59	4.34	6.09	7.84	48	9.59	11.34	13.09	14.84	16.59
.92	2.63	4.38	6.13	7.88	50	9.63	11.38	13.13	14.88	16.63

2 to 98	100	200	300	400	feet	500	600	700	800	900
.91	2.66	4.41	6.16	7.91	52	9.66	11.41	13.16	14.91	16.66
.95	2.70	4.45	6.20	7.95	54	9.70	11.45	13.20	14.95	16.70
.98	2.73	4.48	6.23	7.98	56	9.73	11.48	13.23	14.98	16.73
1.02	2.77	4.52	6.27	8.02	58	9.77	11.52	13.27	15.02	16.77
1.05	2.80	4.55	6.30	8.05	60	9.80	11.55	13.30	15.05	16.80
1.09	2.84	4.59	6.34	8.09	62	9.84	11.59	13.34	15.09	16.84
1.12	2.87	4.62	6.37	8.12	64	9.87	11.62	13.37	15.12	16.87
1.16	2.91	4.66	6.41	8.16	66	9.91	11.66	13.41	15.16	16.91
1.19	2.94	4.69	6.44	8.19	68	9.94	11.69	13.44	15.19	16.94
1.23	2.98	4.73	6.48	8.23	70	9.98	11.73	13.48	15.23	16.98
1.26	3.01	4.76	6.51	8.26	72	10.01	11.76	13.51	15.26	17.01
1.30	3.05	4.80	6.55	8.30	74	10.05	11.80	13.55	15.30	17.05
1.33	3.08	4.83	6.58	8.33	76	10.08	11.83	13.58	15.33	17.08
1.37	3.12	4.87	6.62	8.37	78	10.12	11.87	13.62	15.37	17.12
1.40	3.15	4.90	6.65	8.40	80	10.15	11.90	13.65	15.40	17.15
1.44	3.19	4.94	6.69	8.44	82	10.19	11.94	13.69	15.44	17.19
1.47	3.22	4.97	6.72	8.47	84	10.22	11.97	13.72	15.47	17.22
1.51	3.26	5.01	6.76	8.51	86	10.26	12.01	13.76	15.51	17.26
1.54	3.29	5.04	6.79	8.54	88	10.29	12.04	13.79	15.54	17.29
1.58	3.33	5.08	6.83	8.58	90	10.33	12.08	13.83	15.58	17.33
1.61	3.36	5.11	6.86	8.61	92	10.36	12.11	13.86	15.61	17.36
1.65	3.40	5.15	6.90	8.65	94	10.40	12.15	13.90	15.65	17.40
1.68	3.43	5.18	6.93	8.68	96	10.43	12.18	13.93	15.68	17.43
1.72	3.47	5.22	6.97	8.72	98	10.47	12.22	13.97	15.72	17.47

Above IM.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
175.00	175.50	185.00	52.50	70.00	87.50	105.00	122.50	140.00	157.50
175.00	192.50	210.00	227.50	245.00	262.50	280.00	297.50	315.00	332.50
350.00	367.50	385.00	402.50	420.00	437.50	455.00	472.50	490.00	507.50

\$1.77½ Per 100

\$17.75 Per M.

51

2 to 98	100	200	300	400 feet	500	600	700	800	900
1.78	3.55	5.33	7.10	8.88	10.65	12.43	14.20	15.98	
1.81	3.59	5.36	7.14	8.91	10.69	12.46	14.24	16.01	
1.85	3.62	5.40	7.17	8.95	10.72	12.50	14.27	16.05	
1.88	3.66	5.43	7.21	8.98	10.76	12.53	14.31	16.08	
1.92	3.69	5.47	7.24	9.02	10.79	12.57	14.34	16.12	
1.95	3.73	5.50	7.28	9.05	10.83	12.60	14.38	16.15	
1.99	3.76	5.54	7.31	9.09	10.86	12.64	14.41	16.19	
2.02	3.80	5.57	7.35	9.12	10.90	12.67	14.45	16.22	
2.06	3.83	5.61	7.38	9.16	10.93	12.71	14.48	16.26	
2.09	3.87	5.64	7.42	9.19	10.97	12.74	14.52	16.29	
2.13	3.91	5.68	7.46	9.23	11.01	12.78	14.56	16.33	
2.17	3.94	5.72	7.49	9.27	11.04	12.82	14.59	16.37	
2.20	3.98	5.75	7.53	9.30	11.08	12.85	14.63	16.40	
2.24	4.01	5.79	7.56	9.34	11.11	12.89	14.66	16.44	
2.27	4.05	5.82	7.60	9.37	11.15	12.92	14.70	16.47	
2.31	4.08	5.86	7.63	9.41	11.18	12.96	14.73	16.51	
2.34	4.12	5.89	7.67	9.44	11.22	12.99	14.77	16.54	
2.38	4.15	5.93	7.70	9.48	11.25	13.03	14.80	16.58	
2.41	4.19	5.96	7.74	9.51	11.29	13.06	14.84	16.61	
2.45	4.22	6.00	7.77	9.55	11.32	13.10	14.87	16.65	
2.49	4.26	6.04	7.81	9.59	11.36	13.14	14.91	16.69	
2.52	4.30	6.07	7.85	9.62	11.40	13.17	14.95	16.72	
2.56	4.33	6.11	7.88	9.66	11.43	13.21	14.98	16.76	
2.59	4.37	6.14	7.92	9.69	11.47	13.24	15.02	16.79	
2.63	4.40	6.18	7.95	9.73	11.50	13.28	15.05	16.83	
2.66	4.44	6.21	7.99	9.76	11.54	13.31	15.09	16.86	

\$32

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.70	4.47	6.25	8.02	9.80	11.57	13.35	15.12	16.90	
2.73	4.51	6.28	8.06	9.83	11.61	13.38	15.16	16.93	
2.77	4.54	6.32	8.09	9.87	11.64	13.42	15.19	16.97	
2.80	4.58	6.35	8.13	9.90	11.68	13.45	15.23	17.00	
2.84	4.62	6.39	8.17	9.94	11.72	13.49	15.27	17.04	
2.88	4.65	6.43	8.20	9.98	11.75	13.53	15.30	17.08	
2.91	4.69	6.46	8.24	10.01	11.79	13.56	15.34	17.11	
2.95	4.72	6.50	8.27	10.05	11.82	13.60	15.37	17.15	
2.98	4.76	6.53	8.31	10.08	11.86	13.63	15.41	17.18	
3.02	4.79	6.57	8.34	10.12	11.89	13.67	15.44	17.22	
3.05	4.83	6.60	8.38	10.15	11.93	13.70	15.48	17.25	
3.09	4.86	6.64	8.41	10.19	11.96	13.74	15.51	17.29	
3.12	4.90	6.67	8.45	10.22	12.00	13.77	15.55	17.32	
3.16	4.93	6.71	8.48	10.26	12.03	13.81	15.58	17.36	
3.20	4.97	6.75	8.52	10.30	12.07	13.85	15.62	17.40	
3.23	5.01	6.78	8.56	10.33	12.11	13.88	15.66	17.43	
3.27	5.04	6.82	8.59	10.37	12.14	13.92	15.69	17.47	
3.30	5.08	6.85	8.63	10.40	12.18	13.95	15.73	17.50	
3.34	5.11	6.89	8.66	10.44	12.21	13.99	15.76	17.54	
3.37	5.15	6.92	8.70	10.47	12.25	14.02	15.80	17.57	
3.41	5.18	6.96	8.73	10.51	12.28	14.06	15.83	17.61	
3.44	5.22	6.99	8.77	10.54	12.32	14.09	15.87	17.64	
3.48	5.25	7.03	8.80	10.58	12.35	14.13	15.90	17.68	
3.51	5.29	7.06	8.84	10.61	12.39	14.16	15.94	17.71	

\$18

\$19

\$20

\$21

\$22

\$23

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\$26

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\$28

\$29

\$30

\$31

Above 1M.

1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
17.75	35.50	53.25	71.00		88.75	106.50	124.25	142.00	159.75
195.25	213.00	230.75	248.50	10	266.25	284.00	301.75	319.50	337.25
372.75	390.50	408.25	426.00	20	443.75	461.50	479.25	497.00	514.75



2 to 98	100	200	300	400	feet	500	600	700	800	900
1.04	1.80	3.60	5.40	7.20	2	9.00	10.80	12.60	14.40	16.20
1.07	1.84	3.64	5.44	7.24	2	9.04	10.84	12.64	14.44	16.24
1.11	1.87	3.67	5.47	7.27	4	9.07	10.87	12.67	14.47	16.27
1.14	1.91	3.71	5.51	7.31	6	9.11	10.91	12.71	14.51	16.31
1.18	1.94	3.74	5.54	7.34	8	9.14	10.94	12.74	14.54	16.34
1.22	1.98	3.78	5.58	7.38	10	9.18	10.98	12.78	14.58	16.38
1.25	2.02	3.82	5.62	7.42	12	9.22	11.02	12.82	14.62	16.42
1.29	2.05	3.85	5.65	7.45	14	9.25	11.05	12.85	14.65	16.45
1.32	2.09	3.89	5.69	7.49	16	9.29	11.09	12.89	14.69	16.49
1.36	2.12	3.92	5.72	7.52	18	9.32	11.12	12.92	14.72	16.52
1.40	2.16	3.96	5.76	7.56	20	9.36	11.16	12.96	14.76	16.56
1.43	2.20	4.00	5.80	7.60	22	9.40	11.20	13.00	14.80	16.60
1.47	2.23	4.03	5.83	7.63	24	9.43	11.23	13.03	14.83	16.63
1.50	2.27	4.07	5.87	7.67	26	9.47	11.27	13.07	14.87	16.67
1.54	2.30	4.10	5.90	7.70	28	9.50	11.30	13.10	14.90	16.70
1.58	2.34	4.14	5.94	7.74	30	9.54	11.34	13.14	14.94	16.74
1.61	2.38	4.18	5.98	7.78	32	9.58	11.38	13.18	14.98	16.78
1.65	2.41	4.21	6.01	7.81	34	9.61	11.41	13.21	15.01	16.81
1.68	2.45	4.25	6.05	7.85	36	9.65	11.45	13.25	15.05	16.85
1.72	2.48	4.28	6.08	7.88	38	9.68	11.48	13.28	15.08	16.88
1.76	2.52	4.32	6.12	7.92	40	9.72	11.52	13.32	15.12	16.92
1.79	2.56	4.36	6.16	7.96	42	9.76	11.56	13.36	15.16	16.96
1.83	2.59	4.39	6.19	7.99	44	9.79	11.59	13.39	15.19	16.99
1.86	2.63	4.43	6.23	8.03	46	9.83	11.63	13.43	15.23	17.03
1.89	2.66	4.46	6.26	8.06	48	9.86	11.66	13.46	15.26	17.06
1.90	2.70	4.50	6.30	8.10	50	9.90	11.70	13.50	15.30	17.10

2 to 98	100	200	300	400	feet	500	600	700	800	900
99.94	2.74	4.54	6.34	8.14	52	9.94	11.74	13.54	15.34	17.14
99.97	2.77	4.57	6.37	8.17	54	9.97	11.77	13.57	15.37	17.17
1.01	2.81	4.61	6.41	8.21	56	10.01	11.81	13.61	15.41	17.21
1.04	2.84	4.64	6.44	8.24	58	10.04	11.84	13.64	15.44	17.24
1.08	2.88	4.68	6.48	8.28	60	10.08	11.88	13.68	15.48	17.28
1.12	2.92	4.72	6.52	8.32	62	10.12	11.92	13.72	15.52	17.32
1.15	2.95	4.75	6.55	8.35	64	10.15	11.95	13.75	15.55	17.35
1.19	2.99	4.79	6.59	8.39	66	10.19	11.99	13.79	15.59	17.39
1.22	3.02	4.82	6.62	8.42	68	10.22	12.02	13.82	15.62	17.42
1.26	3.06	4.86	6.66	8.46	70	10.26	12.06	13.86	15.66	17.46
1.30	3.10	4.90	6.70	8.50	72	10.30	12.10	13.90	15.70	17.50
1.33	3.13	4.93	6.73	8.53	74	10.33	12.13	13.93	15.73	17.53
1.37	3.17	4.97	6.77	8.57	76	10.37	12.17	13.97	15.77	17.57
1.40	3.20	5.00	6.80	8.60	78	10.40	12.20	14.00	15.80	17.60
1.44	3.24	5.04	6.84	8.64	80	10.44	12.24	14.04	15.84	17.64
1.48	3.28	5.08	6.88	8.68	82	10.48	12.28	14.08	15.88	17.68
1.51	3.31	5.11	6.91	8.71	84	10.51	12.31	14.11	15.91	17.71
1.55	3.35	5.15	6.95	8.75	86	10.55	12.35	14.15	15.95	17.75
1.58	3.38	5.18	6.98	8.78	88	10.58	12.38	14.18	15.98	17.78
1.62	3.42	5.22	7.02	8.82	90	10.62	12.42	14.22	16.02	17.82
1.66	3.46	5.26	7.06	8.86	92	10.66	12.46	14.26	16.06	17.86
1.69	3.49	5.29	7.09	8.89	94	10.69	12.49	14.29	16.09	17.89
1.73	3.53	5.33	7.13	8.93	96	10.73	12.53	14.33	16.13	17.93
1.76	3.56	5.36	7.16	8.96	98	10.76	12.56	14.36	16.16	17.96

Above 1M.									
M FEET				M FEET					
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
18.00	36.00	54.00	72.00		90.00	108.00	126.00	144.00	162.00
180.00	198.00	216.00	234.00	10	270.00	288.00	306.00	324.00	342.00
360.00	378.00	396.00	414.00	20	450.00	468.00	486.00	504.00	522.00

\$1.82½ Per 100

\$18.25 Per M.

53

2 to 95	100	200	300	400	feet	500	600	700	800	900
1.83	3.65	5.48	7.30			9.13	10.95	12.78	14.60	16.43
1.86	3.69	5.51	7.34	2		9.16	10.99	12.81	14.64	16.46
1.90	3.72	5.55	7.37	4		9.20	11.02	12.85	14.67	16.50
1.93	3.76	5.58	7.41	6		9.23	11.06	12.88	14.71	16.53
1.97	3.80	5.62	7.45	8		9.27	11.10	12.92	14.75	16.57
2.01	3.83	5.66	7.48	10		9.31	11.13	12.96	14.78	16.61
2.04	3.87	5.69	7.52	12		9.34	11.17	12.99	14.82	16.64
2.08	3.91	5.73	7.56	14		9.38	11.21	13.03	14.86	16.68
2.12	3.94	5.77	7.59	16		9.42	11.24	13.07	14.89	16.72
2.15	3.98	5.80	7.63	18		9.45	11.28	13.10	14.93	16.75
2.19	4.02	5.84	7.67	20		9.49	11.32	13.14	14.97	16.79
2.23	4.05	5.88	7.70	22		9.53	11.35	13.18	15.00	16.83
2.26	4.09	5.91	7.74	24		9.56	11.39	13.21	15.04	16.86
2.30	4.12	5.95	7.77	26		9.60	11.42	13.25	15.07	16.90
2.34	4.16	5.99	7.81	28		9.64	11.46	13.29	15.11	16.94
2.37	4.20	6.02	7.85	30		9.67	11.50	13.32	15.15	16.97
2.41	4.23	6.06	7.88	32		9.71	11.53	13.36	15.18	17.01
2.45	4.27	6.10	7.92	34		9.75	11.57	13.40	15.22	17.05
2.48	4.31	6.13	7.96	36		9.78	11.61	13.43	15.26	17.08
2.52	4.34	6.17	7.99	38		9.82	11.64	13.47	15.29	17.12
2.56	4.38	6.21	8.03	40		9.86	11.68	13.51	15.33	17.16
2.59	4.42	6.24	8.07	42		9.89	11.72	13.54	15.37	17.19
2.63	4.45	6.28	8.10	44		9.93	11.75	13.58	15.40	17.23
2.66	4.49	6.31	8.14	46		9.96	11.79	13.61	15.44	17.26
2.70	4.53	6.35	8.18	48		10.00	11.83	13.65	15.48	17.30
2.74	4.56	6.39	8.21	50		10.04	11.86	13.69	15.51	17.34

2 to 95	100	200	300	400	feet	500	600	700	800	900
2.77	4.60	6.42	8.25	52		10.07	11.90	13.72	15.55	17.37
2.81	4.64	6.46	8.29	54		10.11	11.94	13.76	15.59	17.41
2.85	4.67	6.50	8.32	56		10.15	11.97	13.80	15.62	17.45
2.88	4.71	6.53	8.36	58		10.18	12.01	13.83	15.66	17.48
2.92	4.75	6.57	8.40	60		10.22	12.05	13.87	15.70	17.52
2.96	4.78	6.61	8.43	62		10.26	12.08	13.91	15.73	17.56
2.99	4.82	6.64	8.47	64		10.29	12.12	13.94	15.77	17.59
3.03	4.85	6.68	8.50	66		10.33	12.15	13.98	15.80	17.63
3.07	4.89	6.72	8.54	68		10.37	12.19	14.02	15.84	17.67
3.10	4.93	6.75	8.58	70		10.40	12.23	14.05	15.88	17.70
3.14	4.96	6.79	8.61	72		10.44	12.26	14.09	15.91	17.74
3.18	5.00	6.83	8.65	74		10.48	12.30	14.13	15.95	17.78
3.21	5.04	6.86	8.69	76		10.51	12.34	14.16	15.99	17.81
3.25	5.07	6.90	8.72	78		10.55	12.37	14.20	16.02	17.85
3.29	5.11	6.94	8.76	80		10.59	12.41	14.24	16.06	17.89
3.32	5.15	6.97	8.80	82		10.62	12.45	14.27	16.10	17.92
3.36	5.18	7.01	8.83	84		10.66	12.48	14.31	16.13	17.96
3.39	5.22	7.04	8.87	86		10.69	12.52	14.34	16.17	17.99
3.43	5.26	7.08	8.91	88		10.73	12.56	14.38	16.21	18.03
3.47	5.29	7.12	8.94	90		10.77	12.59	14.42	16.24	18.07
3.50	5.33	7.15	8.98	92		10.80	12.63	14.45	16.28	18.10
3.54	5.37	7.19	9.02	94		10.84	12.67	14.49	16.32	18.14
3.58	5.40	7.23	9.05	96		10.88	12.70	14.53	16.35	18.18
3.61	5.44	7.26	9.09	98		10.91	12.74	14.56	16.39	18.21

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
18.25	36.50	54.75	73.00		91.25	109.50	127.75	146.00	164.25
182.50	200.75	219.00	237.25	255.50	273.75	292.00	310.25	328.50	346.75
365.00	383.25	401.50	419.75	438.00	456.25	474.50	492.75	511.00	529.25

\$32

\$18

\$19

\$20

\$21

\$22

\$23

\$24

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\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
1.85	3.70	5.55	7.40	9.25	11.10	12.95	14.80	16.65		
1.04	1.89	3.74	5.59	7.44	2	9.29	11.14	12.99	14.84	16.69
1.07	1.92	3.77	5.62	7.47	4	9.32	11.17	13.02	14.87	16.72
1.11	1.96	3.81	5.66	7.51	6	9.36	11.21	13.06	14.91	16.76
1.15	2.00	3.85	5.70	7.55	8	9.40	11.25	13.10	14.95	16.80
1.19	2.04	3.89	5.74	7.59	10	9.44	11.29	13.14	14.99	16.84
1.22	2.07	3.92	5.77	7.62	12	9.47	11.32	13.17	15.02	16.87
1.26	2.11	3.96	5.81	7.66	14	9.51	11.36	13.21	15.06	16.91
1.30	2.15	4.00	5.85	7.70	16	9.55	11.40	13.25	15.10	16.95
1.33	2.18	4.03	5.88	7.73	18	9.58	11.43	13.28	15.13	16.98
1.37	2.22	4.07	5.92	7.77	20	9.62	11.47	13.32	15.17	17.02
1.41	2.26	4.11	5.96	7.81	22	9.66	11.51	13.36	15.21	17.06
1.44	2.29	4.14	5.99	7.84	24	9.69	11.54	13.39	15.24	17.09
1.48	2.33	4.18	6.03	7.88	26	9.73	11.58	13.43	15.28	17.13
1.52	2.37	4.22	6.07	7.92	28	9.77	11.62	13.47	15.32	17.17
1.56	2.41	4.26	6.11	7.96	30	9.81	11.66	13.51	15.36	17.21
1.59	2.44	4.29	6.14	7.99	32	9.84	11.69	13.54	15.39	17.24
1.63	2.48	4.33	6.18	8.03	34	9.88	11.73	13.58	15.43	17.28
1.67	2.52	4.37	6.22	8.07	36	9.92	11.77	13.62	15.47	17.32
1.70	2.55	4.40	6.25	8.10	38	9.95	11.80	13.65	15.50	17.35
1.74	2.59	4.44	6.29	8.14	40	9.99	11.84	13.69	15.54	17.39
1.78	2.63	4.48	6.33	8.18	42	10.03	11.88	13.73	15.58	17.43
1.81	2.66	4.51	6.36	8.21	44	10.06	11.91	13.76	15.61	17.46
1.85	2.70	4.55	6.40	8.25	46	10.10	11.95	13.80	15.65	17.50
1.89	2.74	4.59	6.44	8.29	48	10.14	11.99	13.84	15.69	17.54
1.93	2.78	4.63	6.48	8.33	50	10.18	12.03	13.88	15.73	17.58

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.96	2.81	4.66	6.51	8.36	52	10.21	12.06	13.91	15.76	17.61
1.00	2.85	4.70	6.55	8.40	54	10.25	12.10	13.95	15.80	17.65
1.04	2.89	4.74	6.59	8.44	56	10.29	12.14	13.99	15.84	17.69
1.07	2.92	4.77	6.62	8.47	58	10.32	12.17	14.02	15.87	17.72
1.11	2.96	4.81	6.66	8.51	60	10.36	12.21	14.06	15.91	17.76
1.15	3.00	4.85	6.70	8.55	62	10.40	12.25	14.10	15.95	17.80
1.18	3.03	4.88	6.73	8.58	64	10.43	12.28	14.13	15.98	17.83
1.22	3.07	4.92	6.77	8.62	66	10.47	12.32	14.17	16.02	17.87
1.26	3.11	4.96	6.81	8.66	68	10.51	12.36	14.21	16.06	17.91
1.30	3.15	5.00	6.85	8.70	70	10.55	12.40	14.25	16.10	17.95
1.33	3.18	5.03	6.88	8.73	72	10.58	12.43	14.28	16.13	17.98
1.37	3.22	5.07	6.92	8.77	74	10.62	12.47	14.32	16.17	18.02
1.41	3.26	5.11	6.96	8.81	76	10.66	12.51	14.36	16.21	18.06
1.44	3.29	5.14	6.99	8.84	78	10.69	12.54	14.39	16.24	18.09
1.48	3.33	5.18	7.03	8.88	80	10.73	12.58	14.43	16.28	18.13
1.52	3.37	5.22	7.07	8.92	82	10.77	12.62	14.47	16.32	18.17
1.55	3.40	5.25	7.10	8.95	84	10.80	12.65	14.50	16.35	18.20
1.59	3.44	5.29	7.14	8.99	86	10.84	12.69	14.54	16.39	18.24
1.63	3.48	5.33	7.18	9.03	88	10.88	12.73	14.58	16.43	18.28
1.67	3.52	5.37	7.22	9.07	90	10.92	12.77	14.62	16.47	18.32
1.70	3.55	5.40	7.25	9.10	92	10.95	12.80	14.65	16.50	18.35
1.74	3.59	5.44	7.29	9.14	94	10.99	12.84	14.69	16.54	18.39
1.78	3.63	5.48	7.33	9.18	96	11.03	12.88	14.73	16.58	18.43
1.81	3.66	5.51	7.36	9.21	98	11.06	12.91	14.76	16.61	18.46

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
18.50	37.00	55.50	74.00		92.50	111.00	129.50	148.00	166.50
185.00	203.50	222.00	240.50	10	277.50	296.00	314.50	333.00	351.50
370.00	388.50	407.00	425.50	20	462.50	481.00	499.50	518.00	536.50

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.04	1.88	3.75	5.63	7.50	2	9.38	11.25	13.13	15.00	16.88
1.08	1.91	3.79	5.66	7.54	4	9.41	11.29	13.16	15.04	16.91
1.11	1.95	3.83	5.70	7.58	6	9.45	11.33	13.20	15.08	16.95
1.15	1.99	3.86	5.74	7.61	8	9.49	11.36	13.24	15.11	16.99
1.19	2.03	3.90	5.78	7.65	10	9.53	11.40	13.28	15.15	17.03
1.23	2.06	3.94	5.81	7.69	12	9.56	11.44	13.31	15.19	17.06
1.26	2.10	3.98	5.85	7.73	14	9.60	11.48	13.35	15.23	17.10
1.30	2.14	4.01	5.89	7.76	16	9.64	11.51	13.39	15.26	17.14
1.34	2.18	4.05	5.93	7.80	18	9.68	11.55	13.43	15.30	17.18
1.38	2.21	4.09	5.96	7.84	20	9.71	11.59	13.46	15.34	17.21
1.41	2.25	4.13	6.00	7.88	22	9.75	11.63	13.50	15.38	17.25
1.45	2.29	4.16	6.04	7.91	24	9.79	11.66	13.54	15.41	17.29
1.49	2.33	4.20	6.08	7.95	26	9.83	11.70	13.58	15.45	17.33
1.53	2.36	4.24	6.11	7.99	28	9.86	11.74	13.61	15.49	17.36
1.56	2.40	4.28	6.15	8.03	30	9.90	11.78	13.65	15.53	17.40
1.60	2.44	4.31	6.19	8.06	32	9.94	11.81	13.69	15.56	17.44
1.64	2.48	4.35	6.23	8.10	34	9.98	11.85	13.73	15.60	17.48
1.68	2.51	4.39	6.26	8.14	36	10.01	11.89	13.76	15.64	17.51
1.71	2.55	4.43	6.30	8.18	38	10.05	11.93	13.80	15.68	17.55
1.75	2.59	4.46	6.34	8.21	40	10.09	11.96	13.84	15.71	17.59
1.79	2.63	4.50	6.38	8.25	42	10.13	12.00	13.88	15.75	17.63
1.83	2.66	4.54	6.41	8.29	44	10.16	12.04	13.91	15.79	17.66
1.86	2.70	4.58	6.45	8.33	46	10.20	12.08	13.95	15.83	17.70
1.90	2.74	4.61	6.49	8.36	48	10.24	12.11	13.99	15.86	17.74
1.94	2.78	4.65	6.53	8.40	50	10.28	12.15	14.03	15.90	17.78
1.98	2.81	4.69	6.56	8.44	52	10.31	12.19	14.06	15.94	17.81

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.01	2.85	4.73	6.60	8.48	52	10.35	12.23	14.10	15.98	17.85
1.05	2.89	4.76	6.64	8.51	54	10.39	12.26	14.14	16.01	17.89
1.09	2.93	4.80	6.68	8.55	56	10.43	12.30	14.18	16.05	17.93
1.13	2.96	4.84	6.71	8.59	58	10.46	12.34	14.21	16.09	17.96
1.16	3.00	4.88	6.75	8.63	60	10.50	12.38	14.25	16.13	18.00
1.20	3.04	4.91	6.79	8.66	62	10.54	12.41	14.29	16.16	18.04
1.24	3.08	4.95	6.83	8.70	64	10.58	12.45	14.33	16.20	18.08
1.28	3.11	4.99	6.86	8.74	66	10.61	12.49	14.36	16.24	18.11
1.31	3.15	5.03	6.90	8.78	68	10.65	12.53	14.40	16.28	18.15
1.35	3.19	5.06	6.94	8.81	70	10.69	12.56	14.44	16.31	18.19
1.39	3.23	5.10	6.98	8.85	72	10.73	12.60	14.48	16.35	18.23
1.43	3.26	5.14	7.01	8.89	74	10.76	12.64	14.51	16.39	18.26
1.46	3.30	5.18	7.05	8.93	76	10.80	12.68	14.55	16.43	18.30
1.50	3.34	5.21	7.09	8.96	78	10.84	12.71	14.59	16.46	18.34
1.54	3.38	5.25	7.13	9.00	80	10.88	12.75	14.63	16.50	18.38
1.58	3.41	5.29	7.16	9.04	82	10.91	12.79	14.66	16.54	18.41
1.61	3.45	5.33	7.20	9.08	84	10.95	12.83	14.70	16.58	18.45
1.65	3.49	5.36	7.24	9.11	86	10.99	12.86	14.74	16.61	18.49
1.69	3.53	5.40	7.28	9.15	88	11.03	12.90	14.78	16.65	18.53
1.73	3.56	5.44	7.31	9.19	90	11.06	12.94	14.81	16.69	18.56
1.76	3.60	5.48	7.35	9.23	92	11.10	12.98	14.85	16.73	18.60
1.80	3.64	5.51	7.39	9.26	94	11.14	13.01	14.89	16.76	18.64
1.84	3.68	5.55	7.43	9.30	96	11.18	13.05	14.93	16.80	18.68
1.88	3.71	5.59	7.46	9.34	98	11.21	13.09	14.96	16.84	18.71

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
18.75	37.50	56.25	75.00	10	93.75	112.50	131.25	150.00	168.75
187.50	206.25	225.00	243.75	20	281.25	300.00	318.75	337.50	356.25
375.00	393.75	412.50	431.25	30	468.75	487.50	506.25	525.00	543.75

\$32

\$19

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\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.19	1.90	3.80	5.70	7.60		9.50	11.40	13.30	15.20	17.10
.04	1.94	3.84	5.74	7.64	2	9.54	11.44	13.34	15.24	17.14
.08	1.98	3.88	5.78	7.68	4	9.58	11.48	13.38	15.28	17.18
.11	2.01	3.91	5.81	7.71	6	9.61	11.51	13.41	15.31	17.21
.15	2.05	3.95	5.85	7.75	8	9.65	11.55	13.45	15.35	17.25
.19	2.09	3.99	5.89	7.79	10	9.69	11.59	13.49	15.39	17.29
.23	2.13	4.03	5.93	7.83	12	9.73	11.63	13.53	15.43	17.33
.27	2.17	4.07	5.97	7.87	14	9.77	11.67	13.57	15.47	17.37
.30	2.20	4.10	6.00	7.90	16	9.80	11.70	13.60	15.50	17.40
.34	2.24	4.14	6.04	7.94	18	9.84	11.74	13.64	15.54	17.44
.38	2.28	4.18	6.08	7.98	20	9.88	11.78	13.68	15.58	17.48
.42	2.32	4.22	6.12	8.02	22	9.92	11.82	13.72	15.62	17.52
.46	2.36	4.26	6.16	8.06	24	9.96	11.86	13.76	15.66	17.56
.49	2.39	4.29	6.19	8.09	26	9.99	11.89	13.79	15.69	17.59
.53	2.43	4.33	6.23	8.13	28	10.03	11.93	13.83	15.73	17.63
.57	2.47	4.37	6.27	8.17	30	10.07	11.97	13.87	15.77	17.67
.61	2.51	4.41	6.31	8.21	32	10.11	12.01	13.91	15.81	17.71
.65	2.55	4.45	6.35	8.25	34	10.15	12.05	13.95	15.85	17.75
.68	2.58	4.48	6.38	8.28	36	10.18	12.08	13.98	15.88	17.78
.72	2.62	4.52	6.42	8.32	38	10.22	12.12	14.02	15.92	17.82
.76	2.66	4.56	6.46	8.36	40	10.26	12.16	14.06	15.96	17.86
.80	2.70	4.60	6.50	8.40	42	10.30	12.20	14.10	16.00	17.90
.84	2.74	4.64	6.54	8.44	44	10.34	12.24	14.14	16.04	17.94
.87	2.77	4.67	6.57	8.47	46	10.37	12.27	14.17	16.07	17.97
.91	2.81	4.71	6.61	8.51	48	10.41	12.31	14.21	16.11	18.01
.95	2.85	4.75	6.65	8.55	50	10.45	12.35	14.25	16.15	18.05

2 to 98	100	200	300	400	feet	500	600	700	800	900
.99	2.89	4.79	6.69	8.59	52	10.49	12.39	14.29	16.19	18.09
1.03	2.93	4.83	6.73	8.63	54	10.53	12.43	14.33	16.23	18.13
1.06	2.96	4.86	6.76	8.66	56	10.56	12.46	14.36	16.26	18.16
1.10	3.00	4.90	6.80	8.70	58	10.60	12.50	14.40	16.30	18.20
1.14	3.04	4.94	6.84	8.74	60	10.64	12.54	14.44	16.34	18.24
1.18	3.08	4.98	6.88	8.78	62	10.68	12.58	14.48	16.38	18.28
1.22	3.12	5.02	6.92	8.82	64	10.72	12.62	14.52	16.42	18.32
1.25	3.15	5.05	6.95	8.85	66	10.75	12.65	14.55	16.45	18.35
1.29	3.19	5.09	6.99	8.89	68	10.79	12.69	14.59	16.49	18.39
1.33	3.23	5.13	7.03	8.93	70	10.83	12.73	14.63	16.53	18.43
1.37	3.27	5.17	7.07	8.97	72	10.87	12.77	14.67	16.57	18.47
1.41	3.31	5.21	7.11	9.01	74	10.91	12.81	14.71	16.61	18.51
1.44	3.34	5.24	7.14	9.04	76	10.94	12.84	14.74	16.64	18.54
1.48	3.38	5.28	7.18	9.08	78	10.98	12.88	14.78	16.68	18.58
1.52	3.42	5.32	7.22	9.12	80	11.02	12.92	14.82	16.72	18.62
1.56	3.46	5.36	7.26	9.16	82	11.06	12.96	14.86	16.76	18.66
1.60	3.50	5.40	7.30	9.20	84	11.10	13.00	14.90	16.80	18.70
1.63	3.53	5.43	7.33	9.23	86	11.13	13.03	14.93	16.83	18.73
1.67	3.57	5.47	7.37	9.27	88	11.17	13.07	14.97	16.87	18.77
1.71	3.61	5.51	7.41	9.31	90	11.21	13.11	15.01	16.91	18.81
1.75	3.65	5.55	7.45	9.35	92	11.25	13.15	15.05	16.95	18.85
1.79	3.69	5.59	7.49	9.39	94	11.29	13.19	15.09	16.99	18.89
1.82	3.72	5.62	7.52	9.42	96	11.32	13.22	15.12	17.02	18.92
1.86	3.76	5.66	7.56	9.46	98	11.36	13.26	15.16	17.06	18.96

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
19.00	38.00	57.00	76.00		95.00	114.00	133.00	152.00	171.00
190.00	209.00	228.00	247.00	10	285.00	304.00	323.00	342.00	361.00
390.00	399.00	418.00	437.00	20	475.00	494.00	513.00	532.00	551.00

\$1.92½ Per 100

\$19.25 Per M.

57

2 to 98	100	200	300	400	feet	500	600	700	800	900
.04	1.93	3.85	5.78	7.70	2	9.63	11.55	13.48	15.40	17.33
.08	1.96	3.89	5.81	7.74	4	9.66	11.59	13.51	15.44	17.36
.12	2.00	3.93	5.85	7.78	6	9.70	11.63	13.55	15.48	17.40
.15	2.04	3.97	5.89	7.82	8	9.74	11.67	13.59	15.52	17.44
.19	2.08	4.00	5.93	7.85	10	9.78	11.70	13.63	15.55	17.48
.23	2.12	4.04	5.97	7.89	12	9.82	11.74	13.67	15.59	17.52
.27	2.16	4.08	6.01	7.93	14	9.86	11.78	13.71	15.63	17.56
.31	2.19	4.12	6.04	7.97	16	9.89	11.82	13.74	15.67	17.59
.35	2.23	4.16	6.08	8.01	18	9.93	11.86	13.78	15.71	17.63
.39	2.27	4.20	6.12	8.05	20	9.97	11.90	13.82	15.75	17.67
.42	2.31	4.24	6.16	8.09	22	10.01	11.94	13.86	15.79	17.71
.46	2.35	4.27	6.20	8.12	24	10.05	11.97	13.90	15.82	17.75
.50	2.39	4.31	6.24	8.16	26	10.09	12.01	13.94	15.86	17.79
.54	2.43	4.35	6.28	8.20	28	10.13	12.05	13.98	15.90	17.83
.58	2.46	4.39	6.31	8.24	30	10.16	12.09	14.01	15.94	17.86
.62	2.50	4.43	6.35	8.28	32	10.20	12.13	14.05	15.98	17.90
.65	2.54	4.47	6.39	8.32	34	10.24	12.17	14.09	16.02	17.94
.69	2.58	4.50	6.43	8.35	36	10.28	12.20	14.13	16.05	17.98
.73	2.62	4.54	6.47	8.39	38	10.32	12.24	14.17	16.09	18.02
.77	2.66	4.58	6.51	8.43	40	10.36	12.28	14.21	16.13	18.06
.81	2.70	4.62	6.55	8.47	42	10.40	12.32	14.25	16.17	18.10
.85	2.73	4.66	6.58	8.51	44	10.43	12.36	14.28	16.21	18.13
.89	2.77	4.70	6.62	8.55	46	10.47	12.40	14.32	16.25	18.17
.92	2.81	4.74	6.66	8.59	48	10.51	12.44	14.36	16.29	18.21
.96	2.85	4.77	6.70	8.62	50	10.55	12.47	14.40	16.32	18.25
.99	2.89	4.81	6.74	8.66	52	10.59	12.51	14.44	16.36	18.29

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.00	2.93	4.85	6.78	8.70	52	10.63	12.55	14.48	16.40	18.33
1.04	2.96	4.89	6.81	8.74	54	10.66	12.59	14.51	16.44	18.36
1.08	3.00	4.93	6.85	8.78	56	10.70	12.63	14.55	16.48	18.40
1.12	3.04	4.97	6.89	8.82	58	10.74	12.67	14.59	16.52	18.44
1.16	3.08	5.01	6.93	8.86	60	10.78	12.71	14.63	16.56	18.48
1.19	3.12	5.04	6.97	8.89	62	10.82	12.74	14.67	16.59	18.52
1.23	3.16	5.08	7.01	8.93	64	10.86	12.78	14.71	16.63	18.56
1.27	3.20	5.12	7.05	8.97	66	10.90	12.82	14.75	16.67	18.60
1.31	3.23	5.16	7.08	9.01	68	10.93	12.86	14.78	16.71	18.63
1.35	3.27	5.20	7.12	9.05	70	10.97	12.90	14.82	16.75	18.67
1.39	3.31	5.24	7.16	9.09	72	11.01	12.94	14.86	16.79	18.71
1.42	3.35	5.27	7.20	9.12	74	11.05	12.97	14.90	16.82	18.75
1.46	3.39	5.31	7.24	9.16	76	11.09	13.01	14.94	16.86	18.79
1.50	3.43	5.35	7.28	9.20	78	11.13	13.05	14.98	16.90	18.83
1.54	3.47	5.39	7.32	9.24	80	11.17	13.09	15.02	16.94	18.87
1.58	3.50	5.43	7.35	9.28	82	11.20	13.13	15.05	16.98	18.90
1.62	3.54	5.47	7.39	9.32	84	11.24	13.17	15.09	17.02	18.94
1.66	3.58	5.51	7.43	9.36	86	11.28	13.21	15.13	17.06	18.98
1.69	3.62	5.54	7.47	9.39	88	11.32	13.24	15.17	17.09	19.02
1.73	3.66	5.58	7.51	9.43	90	11.36	13.28	15.21	17.13	19.06
1.77	3.70	5.62	7.55	9.47	92	11.40	13.32	15.25	17.17	19.10
1.81	3.73	5.66	7.58	9.51	94	11.43	13.36	15.28	17.21	19.13
1.85	3.77	5.70	7.62	9.55	96	11.47	13.40	15.32	17.25	19.17
1.89	3.81	5.74	7.66	9.59	98	11.51	13.44	15.36	17.29	19.21

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
19.25	38.50	57.75	77.00	10	96.25	115.50	134.75	154.00	173.25
192.50	211.75	231.00	250.25	20	288.75	308.00	327.25	346.50	365.75
385.00	404.25	423.50	442.75	30	481.25	500.50	519.75	539.00	558.25

\$32

\$19

\$20

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400 feet	500	600	700	800	900	
	1.95	3.90	5.85	7.80		9.75	11.70	13.65	15.60	17.55
.04	1.99	3.94	5.89	7.84	2	9.79	11.74	13.69	15.64	17.59
.08	2.03	3.98	5.93	7.88	4	9.83	11.78	13.73	15.68	17.63
.12	2.07	4.02	5.97	7.92	6	9.87	11.82	13.77	15.72	17.67
.16	2.11	4.06	6.01	7.96	8	9.91	11.86	13.81	15.76	17.71
.20	2.15	4.10	6.05	8.00	10	9.95	11.90	13.85	15.80	17.75
.23	2.18	4.13	6.08	8.03	12	9.98	11.93	13.88	15.83	17.78
.27	2.22	4.17	6.12	8.07	14	10.02	11.97	13.92	15.87	17.82
.31	2.26	4.21	6.16	8.11	16	10.06	12.01	13.96	15.91	17.86
.35	2.30	4.25	6.20	8.15	18	10.10	12.05	14.00	15.95	17.90
.39	2.34	4.29	6.24	8.19	20	10.14	12.09	14.04	15.99	17.94
.43	2.38	4.33	6.28	8.23	22	10.18	12.13	14.08	16.03	17.98
.47	2.42	4.37	6.32	8.27	24	10.22	12.17	14.12	16.07	18.02
.51	2.46	4.41	6.36	8.31	26	10.26	12.21	14.16	16.11	18.06
.55	2.50	4.45	6.40	8.35	28	10.30	12.25	14.20	16.15	18.10
.59	2.54	4.49	6.44	8.39	30	10.34	12.29	14.24	16.19	18.14
.62	2.57	4.52	6.47	8.42	32	10.37	12.32	14.27	16.22	18.17
.66	2.61	4.56	6.51	8.46	34	10.41	12.36	14.31	16.26	18.21
.70	2.65	4.60	6.55	8.50	36	10.45	12.40	14.35	16.30	18.25
.74	2.69	4.64	6.59	8.54	38	10.49	12.44	14.39	16.34	18.29
.78	2.73	4.68	6.63	8.58	40	10.53	12.48	14.43	16.38	18.33
.82	2.77	4.72	6.67	8.62	42	10.57	12.52	14.47	16.42	18.37
.86	2.81	4.76	6.71	8.66	44	10.61	12.56	14.51	16.46	18.41
.90	2.85	4.80	6.75	8.70	46	10.65	12.60	14.55	16.50	18.45
.94	2.89	4.84	6.79	8.74	48	10.69	12.64	14.59	16.54	18.49
.98	2.93	4.88	6.83	8.78	50	10.73	12.68	14.63	16.58	18.53

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.01	2.96	4.91	6.86	8.81	52	10.76	12.71	14.66	16.61	18.56
1.05	3.00	4.95	6.90	8.85	54	10.80	12.75	14.70	16.65	18.60
1.09	3.04	4.99	6.94	8.89	56	10.84	12.79	14.74	16.69	18.64
1.13	3.08	5.03	6.98	8.93	58	10.88	12.83	14.78	16.73	18.68
1.17	3.12	5.07	7.02	8.97	60	10.92	12.87	14.82	16.77	18.72
1.21	3.16	5.11	7.06	9.01	62	10.96	12.91	14.86	16.81	18.76
1.25	3.20	5.15	7.10	9.05	64	11.00	12.95	14.90	16.85	18.80
1.29	3.24	5.19	7.14	9.09	66	11.04	12.99	14.94	16.89	18.84
1.33	3.28	5.23	7.18	9.13	68	11.08	13.03	14.98	16.93	18.88
1.37	3.32	5.27	7.22	9.17	70	11.12	13.07	15.02	16.97	18.92
1.40	3.35	5.30	7.25	9.20	72	11.15	13.10	15.05	17.00	18.95
1.44	3.39	5.34	7.29	9.24	74	11.19	13.14	15.09	17.04	18.99
1.48	3.43	5.38	7.33	9.28	76	11.23	13.18	15.13	17.08	19.03
1.52	3.47	5.42	7.37	9.32	78	11.27	13.22	15.17	17.12	19.07
1.56	3.51	5.46	7.41	9.36	80	11.31	13.26	15.21	17.16	19.11
1.60	3.55	5.50	7.45	9.40	82	11.35	13.30	15.25	17.20	19.15
1.64	3.59	5.54	7.49	9.44	84	11.39	13.34	15.29	17.24	19.19
1.68	3.63	5.58	7.53	9.48	86	11.43	13.38	15.33	17.28	19.23
1.72	3.67	5.62	7.57	9.52	88	11.47	13.42	15.37	17.32	19.27
1.76	3.71	5.66	7.61	9.56	90	11.51	13.46	15.41	17.36	19.31
1.79	3.74	5.69	7.64	9.59	92	11.54	13.49	15.44	17.39	19.34
1.83	3.78	5.73	7.68	9.63	94	11.58	13.53	15.48	17.43	19.38
1.87	3.82	5.77	7.72	9.67	96	11.62	13.57	15.52	17.47	19.42
1.91	3.86	5.81	7.76	9.71	98	11.66	13.61	15.56	17.51	19.46

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
19.50	39.00	58.50	78.00		97.50	117.00	136.50	156.00	175.50
195.00	214.50	234.00	253.50	273.00	10	292.50	312.00	331.50	351.00
390.00	409.50	429.00	448.50	468.00	20	487.50	507.00	526.50	546.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
.04	1.98	3.95	5.93	7.90	2	9.88	11.85	13.83	15.80	17.78
.08	2.01	3.99	5.96	7.94	4	9.91	11.89	13.86	15.84	17.81
.12	2.05	4.03	6.00	7.98	6	9.95	11.93	13.90	15.88	17.85
.16	2.09	4.07	6.04	8.02	8	9.99	11.97	13.94	15.92	17.89
.20	2.13	4.11	6.08	8.06	10	10.03	12.01	13.98	15.96	17.93
.24	2.17	4.15	6.12	8.10	12	10.07	12.05	14.02	16.00	17.97
.28	2.21	4.19	6.16	8.14	14	10.11	12.09	14.06	16.04	18.01
.32	2.25	4.23	6.20	8.18	16	10.15	12.13	14.10	16.08	18.05
.36	2.29	4.27	6.24	8.22	18	10.19	12.17	14.14	16.12	18.09
.40	2.33	4.31	6.28	8.26	20	10.23	12.21	14.18	16.16	18.13
.43	2.37	4.35	6.32	8.30	22	10.27	12.25	14.22	16.20	18.17
.47	2.41	4.38	6.36	8.33	24	10.31	12.28	14.26	16.23	18.21
.51	2.45	4.42	6.40	8.37	26	10.35	12.32	14.30	16.27	18.25
.55	2.49	4.46	6.44	8.41	28	10.39	12.36	14.34	16.31	18.29
.59	2.53	4.50	6.48	8.45	30	10.43	12.40	14.38	16.35	18.33
.63	2.57	4.54	6.52	8.49	32	10.47	12.44	14.42	16.39	18.37
.67	2.61	4.58	6.56	8.53	34	10.51	12.48	14.46	16.43	18.41
.71	2.65	4.62	6.60	8.57	36	10.55	12.52	14.50	16.47	18.45
.75	2.69	4.66	6.64	8.61	38	10.59	12.56	14.54	16.51	18.49
.79	2.73	4.70	6.68	8.65	40	10.63	12.60	14.58	16.55	18.53
.83	2.77	4.74	6.72	8.69	42	10.67	12.64	14.62	16.59	18.57
.87	2.80	4.78	6.75	8.73	44	10.70	12.68	14.65	16.63	18.60
.91	2.84	4.82	6.79	8.77	46	10.74	12.72	14.69	16.67	18.64
.95	2.88	4.86	6.83	8.81	48	10.78	12.76	14.73	16.71	18.68
.99	2.92	4.90	6.87	8.85	50	10.82	12.80	14.77	16.75	18.72
	2.96	4.94	6.91	8.89		10.86	12.84	14.81	16.79	18.76

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.03	3.00	4.98	6.95	8.93	52	10.90	12.88	14.85	16.83	18.80
1.07	3.04	5.02	6.99	8.97	54	10.94	12.92	14.89	16.87	18.84
1.11	3.08	5.06	7.03	9.01	56	10.98	12.96	14.93	16.91	18.88
1.15	3.12	5.10	7.07	9.05	58	11.02	13.00	14.97	16.95	18.92
1.19	3.16	5.14	7.11	9.09	60	11.06	13.04	15.01	16.99	18.96
1.22	3.20	5.17	7.15	9.12	62	11.10	13.07	15.05	17.02	19.00
1.26	3.24	5.21	7.19	9.16	64	11.14	13.11	15.09	17.06	19.04
1.30	3.28	5.25	7.23	9.20	66	11.18	13.15	15.13	17.10	19.08
1.34	3.32	5.29	7.27	9.24	68	11.22	13.19	15.17	17.14	19.12
1.38	3.36	5.33	7.31	9.28	70	11.26	13.23	15.21	17.18	19.16
1.42	3.40	5.37	7.35	9.32	72	11.30	13.27	15.25	17.22	19.20
1.46	3.44	5.41	7.39	9.36	74	11.34	13.31	15.29	17.26	19.24
1.50	3.48	5.45	7.43	9.40	76	11.38	13.35	15.33	17.30	19.28
1.54	3.52	5.49	7.47	9.44	78	11.42	13.39	15.37	17.34	19.32
1.58	3.56	5.53	7.51	9.48	80	11.46	13.43	15.41	17.38	19.36
1.62	3.59	5.57	7.54	9.52	82	11.49	13.47	15.44	17.42	19.39
1.66	3.63	5.61	7.58	9.56	84	11.53	13.51	15.48	17.46	19.43
1.70	3.67	5.65	7.62	9.60	86	11.57	13.55	15.52	17.50	19.47
1.74	3.71	5.69	7.66	9.64	88	11.61	13.59	15.56	17.54	19.51
1.78	3.75	5.73	7.70	9.68	90	11.65	13.63	15.60	17.58	19.55
1.82	3.79	5.77	7.74	9.72	92	11.69	13.67	15.64	17.62	19.59
1.86	3.83	5.81	7.78	9.76	94	11.73	13.71	15.68	17.66	19.63
1.90	3.87	5.85	7.82	9.80	96	11.77	13.75	15.72	17.70	19.67
1.94	3.91	5.89	7.86	9.84	98	11.81	13.79	15.76	17.74	19.71

Above 1M.

1	2	3	4	M	5	6	7	8	9
M FEET					M FEET				
AMOUNT					AMOUNT				
19.75	39.50	59.25	79.00		98.75	118.50	138.25	158.00	177.75
197.50	217.25	237.00	256.75	10	296.25	316.00	335.75	355.50	375.25
395.00	414.75	434.50	454.25	20	493.75	513.50	533.25	553.00	572.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.00	4.00	6.00	8.00		10.00	12.00	14.00	16.00	18.00
.04	2.04	4.04	6.04	8.04	2	10.04	12.04	14.04	16.04	18.04
.08	2.08	4.08	6.08	8.08	4	10.08	12.08	14.08	16.08	18.08
.12	2.12	4.12	6.12	8.12	6	10.12	12.12	14.12	16.12	18.12
.16	2.16	4.16	6.16	8.16	8	10.16	12.16	14.16	16.16	18.16
.20	2.20	4.20	6.20	8.20	10	10.20	12.20	14.20	16.20	18.20
.24	2.24	4.24	6.24	8.24	12	10.24	12.24	14.24	16.24	18.24
.28	2.28	4.28	6.28	8.28	14	10.28	12.28	14.28	16.28	18.28
.32	2.32	4.32	6.32	8.32	16	10.32	12.32	14.32	16.32	18.32
.36	2.36	4.36	6.36	8.36	18	10.36	12.36	14.36	16.36	18.36
.40	2.40	4.40	6.40	8.40	20	10.40	12.40	14.40	16.40	18.40
.44	2.44	4.44	6.44	8.44	22	10.44	12.44	14.44	16.44	18.44
.48	2.48	4.48	6.48	8.48	24	10.48	12.48	14.48	16.48	18.48
.52	2.52	4.52	6.52	8.52	26	10.52	12.52	14.52	16.52	18.52
.56	2.56	4.56	6.56	8.56	28	10.56	12.56	14.56	16.56	18.56
.60	2.60	4.60	6.60	8.60	30	10.60	12.60	14.60	16.60	18.60
.64	2.64	4.64	6.64	8.64	32	10.64	12.64	14.64	16.64	18.64
.68	2.68	4.68	6.68	8.68	34	10.68	12.68	14.68	16.68	18.68
.72	2.72	4.72	6.72	8.72	36	10.72	12.72	14.72	16.72	18.72
.76	2.76	4.76	6.76	8.76	38	10.76	12.76	14.76	16.76	18.76
.80	2.80	4.80	6.80	8.80	40	10.80	12.80	14.80	16.80	18.80
.84	2.84	4.84	6.84	8.84	42	10.84	12.84	14.84	16.84	18.84
.88	2.88	4.88	6.88	8.88	44	10.88	12.88	14.88	16.88	18.88
.92	2.92	4.92	6.92	8.92	46	10.92	12.92	14.92	16.92	18.92
.96	2.96	4.96	6.96	8.96	48	10.96	12.96	14.96	16.96	18.96
1.00	3.00	5.00	7.00	9.00	50	11.00	13.00	15.00	17.00	19.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.04	3.04	5.04	7.04	9.04	52	11.04	13.04	15.04	17.04	19.04
1.08	3.08	5.08	7.08	9.08	54	11.08	13.08	15.08	17.08	19.08
1.12	3.12	5.12	7.12	9.12	56	11.12	13.12	15.12	17.12	19.12
1.16	3.16	5.16	7.16	9.16	58	11.16	13.16	15.16	17.16	19.16
1.20	3.20	5.20	7.20	9.20	60	11.20	13.20	15.20	17.20	19.20
1.24	3.24	5.24	7.24	9.24	62	11.24	13.24	15.24	17.24	19.24
1.28	3.28	5.28	7.28	9.28	64	11.28	13.28	15.28	17.28	19.28
1.32	3.32	5.32	7.32	9.32	66	11.32	13.32	15.32	17.32	19.32
1.36	3.36	5.36	7.36	9.36	68	11.36	13.36	15.36	17.36	19.36
1.40	3.40	5.40	7.40	9.40	70	11.40	13.40	15.40	17.40	19.40
1.44	3.44	5.44	7.44	9.44	72	11.44	13.44	15.44	17.44	19.44
1.48	3.48	5.48	7.48	9.48	74	11.48	13.48	15.48	17.48	19.48
1.52	3.52	5.52	7.52	9.52	76	11.52	13.52	15.52	17.52	19.52
1.56	3.56	5.56	7.56	9.56	78	11.56	13.56	15.56	17.56	19.56
1.60	3.60	5.60	7.60	9.60	80	11.60	13.60	15.60	17.60	19.60
1.64	3.64	5.64	7.64	9.64	82	11.64	13.64	15.64	17.64	19.64
1.68	3.68	5.68	7.68	9.68	84	11.68	13.68	15.68	17.68	19.68
1.72	3.72	5.72	7.72	9.72	86	11.72	13.72	15.72	17.72	19.72
1.76	3.76	5.76	7.76	9.76	88	11.76	13.76	15.76	17.76	19.76
1.80	3.80	5.80	7.80	9.80	90	11.80	13.80	15.80	17.80	19.80
1.84	3.84	5.84	7.84	9.84	92	11.84	13.84	15.84	17.84	19.84
1.88	3.88	5.88	7.88	9.88	94	11.88	13.88	15.88	17.88	19.88
1.92	3.92	5.92	7.92	9.92	96	11.92	13.92	15.92	17.92	19.92
1.96	3.96	5.96	7.96	9.96	98	11.96	13.96	15.96	17.96	19.96

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
20.00	40.00	60.00	80.00		100.00	120.00	140.00	160.00	180.00
200.00	220.00	240.00	260.00	280.00	300.00	320.00	340.00	360.00	380.00
400.00	420.00	440.00	460.00	480.00	500.00	520.00	540.00	560.00	580.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.03	4.05	6.08	8.10		10.13	12.15	14.18	16.20	18.23
.04	2.07	4.09	6.12	8.14	2	10.17	12.19	14.22	16.24	18.27
.08	2.11	4.13	6.16	8.18	4	10.21	12.23	14.26	16.28	18.31
.12	2.15	4.17	6.20	8.22	6	10.25	12.27	14.30	16.32	18.35
.16	2.19	4.21	6.24	8.26	8	10.29	12.31	14.34	16.36	18.39
.20	2.23	4.25	6.28	8.30	10	10.33	12.35	14.38	16.40	18.43
.24	2.27	4.29	6.32	8.34	12	10.37	12.39	14.42	16.44	18.47
.28	2.31	4.33	6.36	8.38	14	10.41	12.43	14.46	16.48	18.51
.32	2.35	4.37	6.40	8.42	16	10.45	12.47	14.50	16.52	18.55
.36	2.39	4.41	6.44	8.46	18	10.49	12.51	14.54	16.56	18.59
.41	2.43	4.46	6.48	8.51	20	10.53	12.56	14.58	16.61	18.63
.45	2.47	4.50	6.52	8.55	22	10.57	12.60	14.62	16.65	18.67
.49	2.51	4.54	6.56	8.59	24	10.61	12.64	14.66	16.69	18.71
.53	2.55	4.58	6.60	8.63	26	10.65	12.68	14.70	16.73	18.75
.57	2.59	4.62	6.64	8.67	28	10.69	12.72	14.74	16.77	18.79
.61	2.63	4.66	6.68	8.71	30	10.73	12.76	14.78	16.81	18.83
.65	2.67	4.70	6.72	8.75	32	10.77	12.80	14.82	16.85	18.87
.69	2.71	4.74	6.76	8.79	34	10.81	12.84	14.86	16.89	18.91
.73	2.75	4.78	6.80	8.83	36	10.85	12.88	14.90	16.93	18.95
.77	2.79	4.82	6.84	8.87	38	10.89	12.92	14.94	16.97	18.99
.81	2.84	4.86	6.89	8.91	40	10.94	12.96	14.99	17.01	19.04
.85	2.88	4.90	6.93	8.95	42	10.98	13.00	15.03	17.05	19.08
.89	2.92	4.94	6.97	8.99	44	11.02	13.04	15.07	17.09	19.12
.93	2.96	4.98	7.01	9.03	46	11.06	13.08	15.11	17.13	19.16
.97	3.00	5.02	7.05	9.07	48	11.10	13.12	15.15	17.17	19.20
1.01	3.04	5.06	7.09	9.11	50	11.14	13.16	15.19	17.21	19.24

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.05	3.08	5.10	7.13	9.15	52	11.18	13.20	15.23	17.25	19.28
1.09	3.12	5.14	7.17	9.19	54	11.22	13.24	15.27	17.29	19.32
1.13	3.16	5.18	7.21	9.23	56	11.26	13.28	15.31	17.33	19.36
1.17	3.20	5.22	7.25	9.27	58	11.30	13.32	15.35	17.37	19.40
1.22	3.24	5.27	7.29	9.32	60	11.34	13.37	15.39	17.42	19.44
1.26	3.28	5.31	7.33	9.36	62	11.38	13.41	15.43	17.46	19.48
1.30	3.32	5.35	7.37	9.40	64	11.42	13.45	15.47	17.50	19.52
1.34	3.36	5.39	7.41	9.44	66	11.46	13.49	15.51	17.54	19.56
1.38	3.40	5.43	7.45	9.48	68	11.50	13.53	15.55	17.58	19.60
1.42	3.44	5.47	7.49	9.52	70	11.54	13.57	15.59	17.62	19.64
1.46	3.48	5.51	7.53	9.56	72	11.58	13.61	15.63	17.66	19.68
1.50	3.52	5.55	7.57	9.60	74	11.62	13.65	15.67	17.70	19.72
1.54	3.56	5.59	7.61	9.64	76	11.66	13.69	15.71	17.74	19.76
1.58	3.61	5.63	7.66	9.68	78	11.71	13.73	15.76	17.78	19.81
1.62	3.65	5.67	7.70	9.72	80	11.75	13.77	15.80	17.82	19.85
1.66	3.69	5.71	7.74	9.76	82	11.79	13.81	15.84	17.86	19.89
1.70	3.73	5.75	7.78	9.80	84	11.83	13.85	15.88	17.90	19.93
1.74	3.77	5.79	7.82	9.84	86	11.87	13.89	15.92	17.94	19.97
1.78	3.81	5.83	7.86	9.88	88	11.91	13.93	15.96	17.98	20.01
1.82	3.85	5.87	7.90	9.92	90	11.95	13.97	16.00	18.02	20.05
1.86	3.89	5.91	7.94	9.96	92	11.99	14.01	16.04	18.06	20.09
1.90	3.93	5.95	7.98	10.00	94	12.03	14.05	16.08	18.10	20.13
1.94	3.97	5.99	8.02	10.04	96	12.07	14.09	16.12	18.14	20.17
1.98	4.01	6.03	8.06	10.08	98	12.11	14.13	16.16	18.18	20.21

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
20.25	40.50	60.75	81.00		101.25	121.50	141.75	162.00	182.25
202.50	222.75	243.00	263.25	283.50	10	303.75	324.00	344.25	364.50
405.00	425.25	445.50	465.75	486.00	20	506.25	526.50	546.75	567.00
									587.25

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2 10 98	100	200	300	400	feet	500	600	700	800	900
	2.05	4.10	6.15	8.20		10.25	12.30	14.35	16.40	18.45
.04	2.09	4.14	6.19	8.24	2	10.29	12.34	14.39	16.44	18.49
.08	2.13	4.18	6.23	8.28	4	10.33	12.38	14.43	16.48	18.53
.12	2.17	4.22	6.27	8.32	6	10.37	12.42	14.47	16.52	18.57
.16	2.21	4.26	6.31	8.36	8	10.41	12.46	14.51	16.56	18.61
.21	2.26	4.31	6.36	8.41	10	10.46	12.51	14.56	16.61	18.66
.25	2.30	4.35	6.40	8.45	12	10.50	12.55	14.60	16.65	18.70
.29	2.34	4.39	6.44	8.49	14	10.54	12.59	14.64	16.69	18.74
.33	2.38	4.43	6.48	8.53	16	10.58	12.63	14.68	16.73	18.78
.37	2.42	4.47	6.52	8.57	18	10.62	12.67	14.72	16.77	18.82
.41	2.46	4.51	6.56	8.61	20	10.66	12.71	14.76	16.81	18.86
.45	2.50	4.55	6.60	8.65	22	10.70	12.75	14.80	16.85	18.90
.49	2.54	4.59	6.64	8.69	24	10.74	12.79	14.84	16.89	18.94
.53	2.58	4.63	6.68	8.73	26	10.78	12.83	14.88	16.93	18.98
.57	2.62	4.67	6.72	8.77	28	10.82	12.87	14.92	16.97	19.02
.62	2.67	4.72	6.77	8.82	30	10.87	12.92	14.97	17.02	19.07
.66	2.71	4.76	6.81	8.86	32	10.91	12.96	15.01	17.06	19.11
.70	2.75	4.80	6.85	8.90	34	10.95	13.00	15.05	17.10	19.15
.74	2.79	4.84	6.89	8.94	36	10.99	13.04	15.09	17.14	19.19
.78	2.83	4.88	6.93	8.98	38	11.03	13.08	15.13	17.18	19.23
.82	2.87	4.92	6.97	9.02	40	11.07	13.12	15.17	17.22	19.27
.86	2.91	4.96	7.01	9.06	42	11.11	13.16	15.21	17.26	19.31
.90	2.95	5.00	7.05	9.10	44	11.15	13.20	15.25	17.30	19.35
.94	2.99	5.04	7.09	9.14	46	11.19	13.24	15.29	17.34	19.39
.98	3.03	5.08	7.13	9.18	48	11.23	13.28	15.33	17.38	19.43
1.03	3.08	5.13	7.18	9.23	50	11.28	13.33	15.38	17.43	19.48

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.07	3.12	5.17	7.22	9.27	52	11.32	13.37	15.42	17.47	19.52
1.11	3.16	5.21	7.26	9.31	54	11.36	13.41	15.46	17.51	19.56
1.15	3.20	5.25	7.30	9.35	56	11.40	13.45	15.50	17.55	19.60
1.19	3.24	5.29	7.34	9.39	58	11.44	13.49	15.54	17.59	19.64
1.23	3.28	5.33	7.38	9.43	60	11.48	13.53	15.58	17.63	19.68
1.27	3.32	5.37	7.42	9.47	62	11.52	13.57	15.62	17.67	19.72
1.31	3.36	5.41	7.46	9.51	64	11.56	13.61	15.66	17.71	19.76
1.35	3.40	5.45	7.50	9.55	66	11.60	13.65	15.70	17.75	19.80
1.39	3.44	5.49	7.54	9.59	68	11.64	13.69	15.74	17.79	19.84
1.44	3.49	5.54	7.59	9.64	70	11.69	13.74	15.79	17.84	19.89
1.48	3.53	5.58	7.63	9.68	72	11.73	13.78	15.83	17.88	19.93
1.52	3.57	5.62	7.67	9.72	74	11.77	13.82	15.87	17.92	19.97
1.56	3.61	5.66	7.71	9.76	76	11.81	13.86	15.91	17.96	20.01
1.60	3.65	5.70	7.75	9.80	78	11.85	13.90	15.95	18.00	20.05
1.64	3.69	5.74	7.79	9.84	80	11.89	13.94	15.99	18.04	20.09
1.68	3.73	5.78	7.83	9.88	82	11.93	13.98	16.03	18.08	20.13
1.72	3.77	5.82	7.87	9.92	84	11.97	14.02	16.07	18.12	20.17
1.76	3.81	5.86	7.91	9.96	86	12.01	14.06	16.11	18.16	20.21
1.80	3.85	5.90	7.95	10.00	88	12.05	14.10	16.15	18.20	20.25
1.85	3.90	5.95	8.00	10.05	90	12.10	14.15	16.20	18.25	20.30
1.89	3.94	5.99	8.04	10.09	92	12.14	14.19	16.24	18.29	20.34
1.93	3.98	6.03	8.08	10.13	94	12.18	14.23	16.28	18.33	20.38
1.97	4.02	6.07	8.12	10.17	96	12.22	14.27	16.32	18.37	20.42
2.01	4.06	6.11	8.16	10.21	98	12.26	14.31	16.36	18.41	20.46

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
205.00	41.00	61.50	82.00		102.50	123.00	143.50	164.00	184.50
205.00	225.50	246.00	266.50	287.00	10	307.50	328.00	348.50	369.00
410.00	430.50	451.00	471.50	492.00	20	512.50	533.00	553.50	574.00

\$2.07½ Per 100

\$20.75 Per M.

63

2 to 98	100	200	300	400	feet	500	600	700	800	900
.04	2.08	4.15	6.23	8.30	10	10.38	12.45	14.53	16.60	18.68
.08	2.12	4.19	6.27	8.34	2	10.42	12.49	14.57	16.64	18.72
.12	2.16	4.23	6.31	8.38	4	10.46	12.53	14.61	16.68	18.76
.17	2.20	4.27	6.35	8.42	6	10.50	12.57	14.65	16.72	18.80
.21	2.24	4.32	6.39	8.47	8	10.54	12.62	14.69	16.77	18.84
.25	2.28	4.36	6.43	8.51	10	10.58	12.66	14.73	16.81	18.88
.29	2.32	4.40	6.47	8.55	12	10.62	12.70	14.77	16.85	18.92
.33	2.37	4.44	6.52	8.59	14	10.67	12.74	14.82	16.89	18.97
.37	2.41	4.48	6.56	8.63	16	10.71	12.78	14.86	16.93	19.01
.42	2.45	4.52	6.60	8.67	18	10.75	12.82	14.90	16.97	19.05
.46	2.49	4.57	6.64	8.72	20	10.79	12.87	14.94	17.02	19.09
.50	2.53	4.61	6.68	8.76	22	10.83	12.91	14.98	17.06	19.13
.54	2.57	4.65	6.72	8.80	24	10.87	12.95	15.02	17.10	19.17
.58	2.61	4.69	6.76	8.84	26	10.91	12.99	15.06	17.14	19.21
.62	2.66	4.73	6.81	8.88	28	10.96	13.03	15.11	17.18	19.26
.66	2.70	4.77	6.85	8.92	30	11.00	13.07	15.15	17.22	19.30
.71	2.74	4.81	6.89	8.96	32	11.04	13.11	15.19	17.26	19.34
.75	2.78	4.86	6.93	9.01	34	11.08	13.16	15.23	17.31	19.38
.79	2.82	4.90	6.97	9.05	36	11.12	13.20	15.27	17.35	19.42
.83	2.86	4.94	7.01	9.09	38	11.16	13.24	15.31	17.39	19.46
.87	2.91	4.98	7.06	9.13	40	11.21	13.28	15.36	17.43	19.51
.91	2.95	5.02	7.10	9.17	42	11.25	13.32	15.40	17.47	19.55
.95	2.99	5.06	7.14	9.21	44	11.29	13.36	15.44	17.51	19.59
1.00	3.03	5.10	7.18	9.25	46	11.33	13.40	15.48	17.55	19.63
1.04	3.07	5.15	7.22	9.30	48	11.37	13.45	15.52	17.60	19.67
1.08	3.11	5.19	7.26	9.34	50	11.41	13.49	15.56	17.64	19.71

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.08	3.15	5.23	7.30	9.38	52	11.45	13.53	15.60	17.68	19.75
1.12	3.20	5.27	7.35	9.42	54	11.50	13.57	15.65	17.72	19.80
1.16	3.24	5.31	7.39	9.46	56	11.54	13.61	15.69	17.76	19.84
1.20	3.28	5.35	7.43	9.50	58	11.58	13.65	15.73	17.80	19.88
1.25	3.32	5.40	7.47	9.55	60	11.62	13.70	15.77	17.85	19.92
1.29	3.36	5.44	7.51	9.59	62	11.66	13.74	15.81	17.89	19.96
1.33	3.40	5.48	7.55	9.63	64	11.70	13.78	15.85	17.93	20.00
1.37	3.44	5.52	7.59	9.67	66	11.74	13.82	15.89	17.97	20.04
1.41	3.49	5.56	7.64	9.71	68	11.79	13.86	15.94	18.01	20.09
1.45	3.53	5.60	7.68	9.75	70	11.83	13.90	15.98	18.05	20.13
1.49	3.57	5.64	7.72	9.79	72	11.87	13.94	16.02	18.09	20.17
1.54	3.61	5.69	7.76	9.84	74	11.91	13.99	16.06	18.14	20.21
1.58	3.65	5.73	7.80	9.88	76	11.95	14.03	16.10	18.18	20.25
1.62	3.69	5.77	7.84	9.92	78	11.99	14.07	16.14	18.22	20.29
1.66	3.74	5.81	7.89	9.96	80	12.04	14.11	16.19	18.26	20.34
1.70	3.78	5.85	7.93	10.00	82	12.08	14.15	16.23	18.30	20.38
1.74	3.82	5.89	7.97	10.04	84	12.12	14.19	16.27	18.34	20.42
1.78	3.86	5.93	8.01	10.08	86	12.16	14.23	16.31	18.38	20.46
1.83	3.90	5.98	8.05	10.13	88	12.20	14.28	16.35	18.43	20.50
1.87	3.94	6.02	8.09	10.17	90	12.24	14.32	16.39	18.47	20.54
1.91	3.98	6.06	8.13	10.21	92	12.28	14.36	16.43	18.51	20.58
1.95	4.03	6.10	8.18	10.25	94	12.33	14.40	16.48	18.55	20.63
1.99	4.07	6.14	8.22	10.29	96	12.37	14.44	16.52	18.59	20.67
2.03	4.11	6.18	8.26	10.33	98	12.41	14.48	16.56	18.63	20.71

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
20.75	41.50	62.25	83.00	103.75	124.50	145.25	166.00	186.75	
207.50	228.25	249.00	269.75	311.25	332.00	352.75	373.50	394.25	
415.00	435.75	456.50	477.25	518.75	539.50	560.25	581.00	601.75	

\$32

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.10	4.20	6.30	8.40		10.50	12.60	14.70	16.80	18.90
.04	2.14	4.24	6.34	8.44	2	10.54	12.64	14.74	16.84	18.94
.08	2.18	4.28	6.38	8.48	4	10.58	12.68	14.78	16.88	18.98
.13	2.23	4.33	6.43	8.53	6	10.63	12.73	14.83	16.93	19.03
.17	2.27	4.37	6.47	8.57	8	10.67	12.77	14.87	16.97	19.07
.21	2.31	4.41	6.51	8.61	10	10.71	12.81	14.91	17.01	19.11
.25	2.35	4.45	6.55	8.65	12	10.75	12.85	14.95	17.05	19.15
.29	2.39	4.49	6.59	8.69	14	10.79	12.89	14.99	17.09	19.19
.34	2.44	4.54	6.64	8.74	16	10.84	12.94	15.04	17.14	19.24
.38	2.48	4.58	6.68	8.78	18	10.88	12.98	15.08	17.18	19.28
.42	2.52	4.62	6.72	8.82	20	10.92	13.02	15.12	17.22	19.32
.46	2.56	4.66	6.76	8.86	22	10.96	13.06	15.16	17.26	19.36
.50	2.60	4.70	6.80	8.90	24	11.00	13.10	15.20	17.30	19.40
.55	2.65	4.75	6.85	8.95	26	11.05	13.15	15.25	17.35	19.45
.59	2.69	4.79	6.89	8.99	28	11.09	13.19	15.29	17.39	19.49
.63	2.73	4.83	6.93	9.03	30	11.13	13.23	15.33	17.43	19.53
.67	2.77	4.87	6.97	9.07	32	11.17	13.27	15.37	17.47	19.57
.71	2.81	4.91	7.01	9.11	34	11.21	13.31	15.41	17.51	19.61
.76	2.86	4.96	7.06	9.16	36	11.26	13.36	15.46	17.56	19.66
.80	2.90	5.00	7.10	9.20	38	11.30	13.40	15.50	17.60	19.70
.84	2.94	5.04	7.14	9.24	40	11.34	13.44	15.54	17.64	19.74
.88	2.98	5.08	7.18	9.28	42	11.38	13.48	15.58	17.68	19.78
.92	3.02	5.12	7.22	9.32	44	11.42	13.52	15.62	17.72	19.82
.97	3.07	5.17	7.27	9.37	46	11.47	13.57	15.67	17.77	19.87
1.01	3.11	5.21	7.31	9.41	48	11.51	13.61	15.71	17.81	19.91
1.05	3.15	5.25	7.35	9.45	50	11.55	13.65	15.75	17.85	19.95

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.09	3.19	5.29	7.39	9.49	52	11.59	13.69	15.79	17.89	19.99
1.13	3.23	5.33	7.43	9.53	54	11.63	13.73	15.83	17.93	20.03
1.18	3.28	5.38	7.48	9.58	56	11.68	13.78	15.88	17.98	20.08
1.22	3.32	5.42	7.52	9.62	58	11.72	13.82	15.92	18.02	20.12
1.26	3.36	5.46	7.56	9.66	60	11.76	13.86	15.96	18.06	20.16
1.30	3.40	5.50	7.60	9.70	62	11.80	13.90	16.00	18.10	20.20
1.34	3.44	5.54	7.64	9.74	64	11.84	13.94	16.04	18.14	20.24
1.39	3.49	5.59	7.69	9.79	66	11.89	13.99	16.09	18.19	20.29
1.43	3.53	5.63	7.73	9.83	68	11.93	14.03	16.13	18.23	20.33
1.47	3.57	5.67	7.77	9.87	70	11.97	14.07	16.17	18.27	20.37
1.51	3.61	5.71	7.81	9.91	72	12.01	14.11	16.21	18.31	20.41
1.55	3.65	5.75	7.85	9.95	74	12.05	14.15	16.25	18.35	20.45
1.60	3.70	5.80	7.90	10.00	76	12.10	14.20	16.30	18.40	20.50
1.64	3.74	5.84	7.94	10.04	78	12.14	14.24	16.34	18.44	20.54
1.68	3.78	5.88	7.98	10.08	80	12.18	14.28	16.38	18.48	20.58
1.72	3.82	5.92	8.02	10.12	82	12.22	14.32	16.42	18.52	20.62
1.76	3.86	5.96	8.06	10.16	84	12.26	14.36	16.46	18.56	20.66
1.81	3.91	6.01	8.11	10.21	86	12.31	14.41	16.51	18.61	20.71
1.85	3.95	6.05	8.15	10.25	88	12.35	14.45	16.55	18.65	20.75
1.89	3.99	6.09	8.19	10.29	90	12.39	14.49	16.59	18.69	20.79
1.93	4.03	6.13	8.23	10.33	92	12.43	14.53	16.63	18.73	20.83
1.97	4.07	6.17	8.27	10.37	94	12.47	14.57	16.67	18.77	20.87
2.02	4.12	6.22	8.32	10.42	96	12.52	14.62	16.72	18.82	20.92
2.06	4.16	6.26	8.36	10.46	98	12.56	14.66	16.76	18.86	20.96

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
210.00	231.00	42.00	63.00	84.00	105.00	126.00	147.00	168.00	189.00
210.00	231.00	252.00	273.00	294.00	315.00	336.00	357.00	378.00	399.00
420.00	441.00	462.00	483.00	504.00	525.00	546.00	567.00	588.00	609.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.13	4.25	6.38	8.50		10.63	12.75	14.88	17.00	19.13
.04	2.17	4.29	6.42	8.54	2	10.67	12.79	14.92	17.04	19.17
.09	2.21	4.34	6.46	8.59	4	10.71	12.84	14.96	17.09	19.21
.13	2.25	4.38	6.50	8.63	6	10.75	12.88	15.00	17.13	19.25
.17	2.30	4.42	6.55	8.67	8	10.80	12.92	15.05	17.17	19.30
.21	2.34	4.46	6.59	8.71	10	10.84	12.96	15.09	17.21	19.34
.26	2.38	4.51	6.63	8.76	12	10.88	13.01	15.13	17.26	19.38
.30	2.42	4.55	6.67	8.80	14	10.92	13.05	15.17	17.30	19.42
.34	2.47	4.59	6.72	8.84	16	10.97	13.09	15.22	17.34	19.47
.38	2.51	4.63	6.76	8.88	18	11.01	13.13	15.26	17.38	19.51
.43	2.55	4.68	6.80	8.93	20	11.05	13.18	15.30	17.43	19.55
.47	2.59	4.72	6.84	8.97	22	11.09	13.22	15.34	17.47	19.59
.51	2.64	4.76	6.89	9.01	24	11.14	13.26	15.39	17.51	19.64
.55	2.68	4.80	6.93	9.05	26	11.18	13.30	15.43	17.55	19.68
.60	2.72	4.85	6.97	9.10	28	11.22	13.35	15.47	17.60	19.72
.64	2.76	4.89	7.01	9.14	30	11.26	13.39	15.51	17.64	19.76
.68	2.81	4.93	7.06	9.18	32	11.31	13.43	15.56	17.68	19.81
.72	2.85	4.97	7.10	9.22	34	11.35	13.47	15.60	17.72	19.85
.77	2.89	5.02	7.14	9.27	36	11.39	13.52	15.64	17.77	19.89
.81	2.93	5.06	7.18	9.31	38	11.43	13.56	15.68	17.81	19.93
.85	2.98	5.10	7.23	9.35	40	11.48	13.60	15.73	17.85	19.98
.89	3.02	5.14	7.27	9.39	42	11.52	13.64	15.77	17.89	20.02
.94	3.06	5.19	7.31	9.44	44	11.56	13.69	15.81	17.94	20.06
.98	3.10	5.23	7.35	9.48	46	11.60	13.73	15.85	17.98	20.10
1.02	3.15	5.27	7.40	9.52	48	11.65	13.77	15.90	18.02	20.15
1.06	3.19	5.31	7.44	9.56	50	11.69	13.81	15.94	18.06	20.19

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.11	3.23	5.36	7.48	9.61	52	11.73	13.86	15.98	18.11	20.23
1.15	3.27	5.40	7.52	9.65	54	11.77	13.90	16.02	18.15	20.27
1.19	3.32	5.44	7.57	9.69	56	11.82	13.94	16.07	18.19	20.32
1.23	3.36	5.48	7.61	9.73	58	11.86	13.98	16.11	18.23	20.36
1.28	3.40	5.53	7.65	9.78	60	11.90	14.03	16.15	18.28	20.40
1.32	3.44	5.57	7.69	9.82	62	11.94	14.07	16.19	18.32	20.44
1.36	3.49	5.61	7.74	9.86	64	11.99	14.11	16.24	18.36	20.49
1.40	3.53	5.65	7.78	9.90	66	12.03	14.15	16.28	18.40	20.53
1.45	3.57	5.70	7.82	9.95	68	12.07	14.20	16.32	18.45	20.57
1.49	3.61	5.74	7.86	9.99	70	12.11	14.24	16.36	18.49	20.61
1.53	3.66	5.78	7.91	10.03	72	12.16	14.28	16.41	18.53	20.66
1.57	3.70	5.82	7.95	10.07	74	12.20	14.32	16.45	18.57	20.70
1.62	3.74	5.87	7.99	10.12	76	12.24	14.37	16.49	18.62	20.74
1.66	3.78	5.91	8.03	10.16	78	12.28	14.41	16.53	18.66	20.78
1.70	3.83	5.95	8.08	10.20	80	12.33	14.45	16.58	18.70	20.83
1.74	3.87	5.99	8.12	10.24	82	12.37	14.49	16.62	18.74	20.87
1.79	3.91	6.04	8.16	10.29	84	12.41	14.54	16.66	18.79	20.91
1.83	3.95	6.08	8.20	10.33	86	12.45	14.58	16.70	18.83	20.95
1.87	4.00	6.12	8.25	10.37	88	12.50	14.62	16.75	18.87	21.00
1.91	4.04	6.16	8.29	10.41	90	12.54	14.66	16.79	18.91	21.04
1.96	4.08	6.21	8.33	10.46	92	12.58	14.71	16.83	18.96	21.08
2.00	4.12	6.25	8.37	10.50	94	12.62	14.75	16.87	19.00	21.12
2.04	4.17	6.29	8.42	10.54	96	12.67	14.79	16.92	19.04	21.17
2.08	4.21	6.33	8.46	10.58	98	12.71	14.83	16.96	19.08	21.21

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
212.50	21.25	42.50	63.75	85.00	106.25	127.50	148.75	170.00	191.25
212.50	238.75	255.00	276.25	297.50	318.75	340.00	361.25	382.50	403.75
425.00	446.25	467.50	488.75	510.00	531.25	552.50	573.75	595.00	616.25

\$32

\$21

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.04	2.15	4.30	6.45	8.60	1	10.75	12.90	15.05	17.20	19.35
.09	2.19	4.34	6.49	8.64	2	10.79	12.94	15.09	17.24	19.39
.13	2.24	4.39	6.54	8.69	4	10.84	12.99	15.14	17.29	19.44
.17	2.28	4.43	6.58	8.73	6	10.88	13.03	15.18	17.33	19.48
.22	2.32	4.47	6.62	8.77	8	10.92	13.07	15.22	17.37	19.52
.26	2.37	4.52	6.67	8.82	10	10.97	13.12	15.27	17.42	19.57
.30	2.41	4.56	6.71	8.86	12	11.01	13.16	15.31	17.46	19.61
.34	2.45	4.60	6.75	8.90	14	11.05	13.20	15.35	17.50	19.65
.39	2.49	4.64	6.79	8.94	16	11.09	13.24	15.39	17.54	19.69
.43	2.54	4.69	6.84	8.99	18	11.14	13.29	15.44	17.59	19.74
.47	2.58	4.73	6.88	9.03	20	11.18	13.33	15.48	17.63	19.78
.52	2.62	4.77	6.92	9.07	22	11.22	13.37	15.52	17.67	19.82
.56	2.67	4.82	6.97	9.12	24	11.27	13.42	15.57	17.72	19.87
.60	2.71	4.86	7.01	9.16	26	11.31	13.46	15.61	17.76	19.91
.65	2.75	4.90	7.05	9.20	28	11.35	13.50	15.65	17.80	19.95
.69	2.80	4.95	7.10	9.25	30	11.40	13.55	15.70	17.85	20.00
.73	2.84	4.99	7.14	9.29	32	11.44	13.59	15.74	17.89	20.04
.77	2.88	5.03	7.18	9.33	34	11.48	13.63	15.78	17.93	20.08
.82	2.92	5.07	7.22	9.37	36	11.52	13.67	15.82	17.97	20.12
.86	2.97	5.12	7.27	9.42	38	11.57	13.72	15.87	18.02	20.17
.90	3.01	5.16	7.31	9.46	40	11.61	13.76	15.91	18.06	20.21
.95	3.05	5.20	7.35	9.50	42	11.65	13.80	15.95	18.10	20.25
0.99	3.10	5.25	7.40	9.55	44	11.70	13.85	16.00	18.15	20.30
1.03	3.14	5.29	7.44	9.59	46	11.74	13.89	16.04	18.19	20.34
1.08	3.18	5.33	7.48	9.63	48	11.78	13.93	16.08	18.23	20.38
	3.23	5.38	7.53	9.68	50	11.83	13.98	16.13	18.28	20.43

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.12	3.27	5.42	7.57	9.72	52	11.87	14.02	16.17	18.32	20.47
1.16	3.31	5.46	7.61	9.76	54	11.91	14.06	16.21	18.36	20.51
1.20	3.35	5.50	7.65	9.80	56	11.95	14.10	16.25	18.40	20.55
1.25	3.40	5.55	7.70	9.85	58	12.00	14.15	16.30	18.45	20.60
1.29	3.44	5.59	7.74	9.89	60	12.04	14.19	16.34	18.49	20.64
1.33	3.48	5.63	7.78	9.93	62	12.08	14.23	16.38	18.53	20.68
1.38	3.53	5.68	7.83	9.98	64	12.13	14.28	16.43	18.58	20.73
1.42	3.57	5.72	7.87	10.02	66	12.17	14.32	16.47	18.62	20.77
1.46	3.61	5.76	7.91	10.06	68	12.21	14.36	16.51	18.66	20.81
1.51	3.66	5.81	7.96	10.11	70	12.26	14.41	16.56	18.71	20.86
1.55	3.70	5.85	8.00	10.15	72	12.30	14.45	16.60	18.75	20.90
1.59	3.74	5.89	8.04	10.19	74	12.34	14.49	16.64	18.79	20.94
1.63	3.78	5.93	8.08	10.23	76	12.38	14.53	16.68	18.83	20.98
1.68	3.83	5.98	8.13	10.28	78	12.43	14.58	16.73	18.88	21.03
1.72	3.87	6.02	8.17	10.32	80	12.47	14.62	16.77	18.92	21.07
1.76	3.91	6.06	8.21	10.36	82	12.51	14.66	16.81	18.96	21.11
1.81	3.96	6.11	8.26	10.41	84	12.56	14.71	16.86	19.01	21.16
1.85	4.00	6.15	8.30	10.45	86	12.60	14.75	16.90	19.05	21.20
1.89	4.04	6.19	8.34	10.49	88	12.64	14.79	16.94	19.09	21.24
1.94	4.09	6.24	8.39	10.54	90	12.69	14.84	16.99	19.14	21.29
1.98	4.13	6.28	8.43	10.58	92	12.73	14.88	17.03	19.18	21.33
2.02	4.17	6.32	8.47	10.62	94	12.77	14.92	17.07	19.22	21.37
2.06	4.21	6.36	8.51	10.66	96	12.81	14.96	17.11	19.26	21.41
2.11	4.26	6.41	8.56	10.71	98	12.86	15.01	17.16	19.31	21.46

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
215.50	43.00	64.50	86.00		107.50	120.00	150.50	172.00	193.50
215.00	236.50	258.00	279.50	10	322.50	344.00	365.50	387.00	408.50
430.00	451.50	473.00	494.50	20	537.50	559.00	580.50	602.00	623.50

\$2.17½ Per 100

\$21.75 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
1.04	2.18	4.35	6.53	8.70	1	10.88	13.05	15.23	17.40	19.58
1.09	2.22	4.39	6.57	8.74	2	10.92	13.09	15.27	17.44	19.62
1.13	2.26	4.44	6.61	8.79	4	10.96	13.14	15.31	17.49	19.66
1.17	2.31	4.48	6.66	8.83	6	11.01	13.18	15.36	17.53	19.71
1.22	2.35	4.52	6.70	8.87	8	11.05	13.22	15.40	17.57	19.75
1.26	2.39	4.57	6.74	8.92	10	11.09	13.27	15.44	17.62	19.79
1.30	2.44	4.61	6.79	8.96	12	11.14	13.31	15.49	17.66	19.84
1.35	2.48	4.65	6.83	9.00	14	11.18	13.35	15.53	17.70	19.88
1.39	2.52	4.70	6.87	9.05	16	11.22	13.40	15.57	17.75	19.92
1.44	2.57	4.74	6.92	9.09	18	11.27	13.44	15.62	17.79	19.97
1.48	2.61	4.79	6.96	9.14	20	11.31	13.49	15.66	17.84	20.01
1.52	2.65	4.83	7.00	9.18	22	11.35	13.53	15.70	17.88	20.05
1.57	2.70	4.87	7.05	9.22	24	11.40	13.57	15.75	17.92	20.10
1.61	2.74	4.92	7.09	9.27	26	11.44	13.62	15.79	17.97	20.14
1.65	2.78	4.96	7.13	9.31	28	11.48	13.66	15.83	18.01	20.18
1.70	2.83	5.00	7.18	9.35	30	11.53	13.70	15.88	18.05	20.23
1.74	2.87	5.05	7.22	9.40	32	11.57	13.75	15.92	18.10	20.27
1.78	2.91	5.09	7.26	9.44	34	11.61	13.79	15.96	18.14	20.31
1.83	2.96	5.13	7.31	9.48	36	11.66	13.83	16.01	18.18	20.36
1.87	3.00	5.18	7.35	9.53	38	11.70	13.88	16.05	18.23	20.40
1.91	3.05	5.22	7.40	9.57	40	11.75	13.92	16.10	18.27	20.45
1.96	3.09	5.26	7.44	9.61	42	11.79	13.96	16.14	18.31	20.49
1.00	3.13	5.31	7.48	9.66	44	11.83	14.01	16.18	18.36	20.53
1.04	3.18	5.35	7.53	9.70	46	11.88	14.05	16.23	18.40	20.58
1.09	3.22	5.39	7.57	9.74	48	11.92	14.09	16.27	18.44	20.62
1.09	3.26	5.44	7.61	9.79	50	11.96	14.14	16.31	18.49	20.66

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.13	3.31	5.48	7.66	9.83	52	12.01	14.18	16.36	18.53	20.71
1.17	3.35	5.52	7.70	9.87	54	12.05	14.22	16.40	18.57	20.75
1.22	3.39	5.57	7.74	9.92	56	12.09	14.27	16.44	18.62	20.79
1.26	3.44	5.61	7.79	9.96	58	12.14	14.31	16.49	18.66	20.84
1.31	3.48	5.66	7.83	10.01	60	12.18	14.36	16.53	18.71	20.88
1.35	3.52	5.70	7.87	10.05	62	12.22	14.40	16.57	18.75	20.92
1.39	3.57	5.74	7.92	10.09	64	12.27	14.44	16.62	18.79	20.97
1.44	3.61	5.79	7.96	10.14	66	12.31	14.49	16.66	18.84	21.01
1.48	3.65	5.83	8.00	10.18	68	12.35	14.53	16.70	18.88	21.05
1.52	3.70	5.87	8.05	10.22	70	12.40	14.57	16.75	18.92	21.10
1.57	3.74	5.92	8.09	10.27	72	12.44	14.62	16.79	18.97	21.14
1.61	3.78	5.96	8.13	10.31	74	12.48	14.66	16.83	19.01	21.18
1.65	3.83	6.00	8.18	10.35	76	12.53	14.70	16.88	19.05	21.23
1.70	3.87	6.05	8.22	10.40	78	12.57	14.75	16.92	19.10	21.27
1.74	3.92	6.09	8.27	10.44	80	12.62	14.79	16.97	19.14	21.32
1.78	3.96	6.13	8.31	10.48	82	12.66	14.83	17.01	19.18	21.36
1.83	4.00	6.18	8.35	10.53	84	12.70	14.88	17.05	19.23	21.40
1.87	4.05	6.22	8.40	10.57	86	12.75	14.92	17.10	19.27	21.45
1.91	4.09	6.26	8.44	10.61	88	12.79	14.96	17.14	19.31	21.49
1.96	4.13	6.31	8.48	10.66	90	12.83	15.01	17.18	19.36	21.53
2.00	4.18	6.35	8.53	10.70	92	12.88	15.05	17.23	19.40	21.58
2.04	4.22	6.39	8.57	10.74	94	12.92	15.09	17.27	19.44	21.62
2.09	4.26	6.44	8.61	10.79	96	12.96	15.14	17.31	19.49	21.66
2.13	4.31	6.48	8.66	10.83	98	13.01	15.18	17.36	19.53	21.71

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
217.50	239.25	261.00	282.75	304.50	108.75	130.50	152.25	174.00	195.75
435.00	456.75	478.50	500.25	522.00	326.25	348.00	369.75	391.50	413.25
					543.75	565.50	587.25	609.00	630.75

\$32

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.04	2.20	4.40	6.60	8.80	2	11.00	13.20	15.40	17.60	19.80
.09	2.24	4.44	6.64	8.84	4	11.04	13.24	15.44	17.64	19.84
.13	2.29	4.49	6.69	8.89	6	11.09	13.29	15.49	17.69	19.89
.18	2.33	4.53	6.73	8.93	8	11.13	13.33	15.53	17.73	19.93
.22	2.38	4.58	6.78	8.98	10	11.18	13.38	15.58	17.78	19.98
.26	2.42	4.62	6.82	9.02	12	11.22	13.42	15.62	17.82	20.02
.31	2.46	4.66	6.86	9.06	14	11.26	13.46	15.66	17.86	20.06
.35	2.51	4.71	6.91	9.11	16	11.31	13.51	15.71	17.91	20.11
.40	2.55	4.75	6.95	9.15	18	11.35	13.55	15.75	17.95	20.15
.44	2.60	4.80	7.00	9.20	20	11.40	13.60	15.80	18.00	20.20
.48	2.64	4.84	7.04	9.24	22	11.44	13.64	15.84	18.04	20.24
.53	2.68	4.88	7.08	9.28	24	11.48	13.68	15.88	18.08	20.28
.57	2.73	4.93	7.13	9.33	26	11.53	13.73	15.93	18.13	20.33
.62	2.77	4.97	7.17	9.37	28	11.57	13.77	15.97	18.17	20.37
.66	2.82	5.02	7.22	9.42	30	11.62	13.82	16.02	18.22	20.42
.70	2.86	5.06	7.26	9.46	32	11.66	13.86	16.06	18.26	20.46
.75	2.90	5.10	7.30	9.50	34	11.70	13.90	16.10	18.30	20.50
.79	2.95	5.15	7.35	9.55	36	11.75	13.95	16.15	18.35	20.55
.84	2.99	5.19	7.39	9.59	38	11.79	13.99	16.19	18.39	20.59
.88	3.04	5.24	7.44	9.64	40	11.84	14.04	16.24	18.44	20.64
.92	3.08	5.28	7.48	9.68	42	11.88	14.08	16.28	18.48	20.68
.97	3.12	5.32	7.52	9.72	44	11.92	14.12	16.32	18.52	20.72
1.01	3.17	5.37	7.57	9.77	46	11.97	14.17	16.37	18.57	20.77
1.06	3.21	5.41	7.61	9.81	48	12.01	14.21	16.41	18.61	20.81
1.10	3.26	5.46	7.66	9.86	50	12.06	14.26	16.46	18.66	20.86
1.10	3.30	5.50	7.70	9.90	50	12.10	14.30	16.50	18.70	20.90

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.14	3.34	5.54	7.74	9.94	52	12.14	14.34	16.54	18.74	20.94
1.19	3.39	5.59	7.79	9.99	54	12.19	14.39	16.59	18.79	20.99
1.23	3.43	5.63	7.83	10.03	56	12.23	14.43	16.63	18.83	21.03
1.28	3.48	5.68	7.88	10.08	58	12.28	14.48	16.68	18.88	21.08
1.32	3.52	5.72	7.92	10.12	60	12.32	14.52	16.72	18.92	21.12
1.36	3.56	5.76	7.96	10.16	62	12.36	14.56	16.76	18.96	21.16
1.41	3.61	5.81	8.01	10.21	64	12.41	14.61	16.81	19.01	21.21
1.45	3.65	5.85	8.05	10.25	66	12.45	14.65	16.85	19.05	21.25
1.50	3.70	5.90	8.10	10.30	68	12.50	14.70	16.90	19.10	21.30
1.54	3.74	5.94	8.14	10.34	70	12.54	14.74	16.94	19.14	21.34
1.58	3.78	5.98	8.18	10.38	72	12.58	14.78	16.98	19.18	21.38
1.63	3.83	6.03	8.23	10.43	74	12.63	14.83	17.03	19.23	21.43
1.67	3.87	6.07	8.27	10.47	76	12.67	14.87	17.07	19.27	21.47
1.72	3.92	6.12	8.32	10.52	78	12.72	14.92	17.12	19.32	21.52
1.76	3.96	6.16	8.36	10.56	80	12.76	14.96	17.16	19.36	21.56
1.80	4.00	6.20	8.40	10.60	82	12.80	15.00	17.20	19.40	21.60
1.85	4.05	6.25	8.45	10.65	84	12.85	15.05	17.25	19.45	21.65
1.89	4.09	6.29	8.49	10.69	86	12.89	15.09	17.29	19.49	21.69
1.94	4.14	6.34	8.54	10.74	88	12.94	15.14	17.34	19.54	21.74
1.98	4.18	6.38	8.58	10.78	90	12.98	15.18	17.38	19.58	21.78
2.02	4.22	6.42	8.62	10.82	92	13.02	15.22	17.42	19.62	21.82
2.07	4.27	6.47	8.67	10.87	94	13.07	15.27	17.47	19.67	21.87
2.11	4.31	6.51	8.71	10.91	96	13.11	15.31	17.51	19.71	21.91
2.16	4.36	6.56	8.76	10.96	98	13.16	15.36	17.56	19.76	21.96

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
22.00	44.00	66.00	88.00		110.00	132.00	154.00	176.00	198.00
220.00	242.00	264.00	286.00	308.00	330.00	352.00	374.00	396.00	418.00
440.00	462.00	484.00	506.00	528.00	550.00	572.00	594.00	616.00	638.00

2 to 98	100	200	300	400 feet	500	600	700	800	900
.04	2.23	4.45	6.68	8.90	11.13	13.35	15.58	17.80	20.03
.09	2.27	4.49	6.72	8.94	2	11.17	13.39	15.62	17.84
.13	2.31	4.54	6.76	8.99	4	11.21	13.44	15.66	17.89
.18	2.36	4.58	6.81	9.03	6	11.26	13.48	15.71	17.93
.22	2.40	4.63	6.85	9.08	8	11.30	13.53	15.75	17.98
.27	2.45	4.67	6.90	9.12	10	11.35	13.57	15.80	18.02
.31	2.49	4.72	6.94	9.17	12	11.39	13.62	15.84	18.07
.36	2.54	4.76	6.99	9.21	14	11.44	13.66	15.89	18.11
.40	2.58	4.81	7.03	9.26	16	11.48	13.71	15.93	18.16
.45	2.63	4.85	7.08	9.30	18	11.53	13.75	15.98	18.20
.49	2.67	4.90	7.12	9.35	20	11.57	13.80	16.02	18.25
.53	2.71	4.94	7.16	9.39	22	11.61	13.84	16.06	18.29
.58	2.76	4.98	7.21	9.43	24	11.66	13.88	16.11	18.33
.62	2.80	5.03	7.25	9.48	26	11.70	13.93	16.15	18.38
.67	2.85	5.07	7.30	9.52	28	11.75	13.97	16.20	18.42
.71	2.89	5.12	7.34	9.57	30	11.79	14.02	16.24	18.47
.76	2.94	5.16	7.39	9.61	32	11.84	14.06	16.29	18.51
.80	2.98	5.21	7.43	9.66	34	11.88	14.11	16.33	18.56
.85	3.03	5.25	7.48	9.70	36	11.93	14.15	16.38	18.60
.89	3.07	5.30	7.52	9.75	38	11.97	14.20	16.42	18.65
.93	3.12	5.34	7.57	9.79	40	12.02	14.24	16.47	18.69
.98	3.16	5.38	7.61	9.83	42	12.06	14.28	16.51	18.73
1.02	3.20	5.43	7.65	9.88	44	12.10	14.33	16.55	18.78
1.07	3.25	5.47	7.70	9.92	46	12.15	14.37	16.60	18.82
1.11	3.29	5.52	7.74	9.97	48	12.19	14.42	16.64	18.87
1.16	3.34	5.56	7.79	10.01	50	12.24	14.46	16.69	18.91

2 to 98	100	200	300	400 feet	500	600	700	800	900
1.16	3.38	5.61	7.83	10.06	52	12.28	14.51	16.73	18.96
1.20	3.43	5.65	7.88	10.10	54	12.33	14.55	16.78	19.00
1.25	3.47	5.70	7.92	10.15	56	12.37	14.60	16.82	19.05
1.29	3.52	5.74	7.97	10.19	58	12.42	14.64	16.87	19.09
1.34	3.56	5.79	8.01	10.24	60	12.46	14.69	16.91	19.14
1.38	3.60	5.83	8.05	10.28	62	12.50	14.73	16.95	19.18
1.42	3.65	5.87	8.10	10.32	64	12.55	14.77	17.00	19.22
1.47	3.69	5.92	8.14	10.37	66	12.59	14.82	17.04	19.27
1.51	3.74	5.96	8.19	10.41	68	12.64	14.86	17.09	19.31
1.56	3.78	6.01	8.23	10.46	70	12.68	14.91	17.13	19.36
1.60	3.83	6.05	8.28	10.50	72	12.73	14.95	17.18	19.40
1.65	3.87	6.10	8.32	10.55	74	12.77	15.00	17.22	19.45
1.69	3.92	6.14	8.37	10.59	76	12.82	15.04	17.27	19.49
1.74	3.96	6.19	8.41	10.64	78	12.86	15.09	17.31	19.54
1.78	4.01	6.23	8.46	10.68	80	12.91	15.13	17.36	19.58
1.82	4.05	6.27	8.50	10.72	82	12.95	15.17	17.40	19.62
1.87	4.09	6.32	8.54	10.77	84	12.99	15.22	17.44	19.67
1.91	4.14	6.36	8.59	10.81	86	13.04	15.26	17.49	19.71
1.96	4.18	6.41	8.63	10.86	88	13.08	15.31	17.53	19.76
2.00	4.23	6.45	8.68	10.90	90	13.13	15.35	17.58	19.80
2.05	4.27	6.50	8.72	10.95	92	13.17	15.40	17.62	19.85
2.09	4.32	6.54	8.77	10.99	94	13.22	15.44	17.67	19.89
2.14	4.36	6.59	8.81	11.04	96	13.26	15.49	17.71	19.94
2.18	4.41	6.63	8.86	11.08	98	13.31	15.53	17.76	19.98

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
22.25	44.50	66.75	89.00		111.25	133.50	155.75	178.00	200.25
222.50	244.75	267.00	289.25	311.50	333.75	356.00	378.25	400.50	422.75
445.00	467.25	489.50	511.75	534.00	556.25	578.50	600.75	623.00	645.25

\$32

\$22

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.25	4.50	6.75	9.00	1	11.25	13.50	15.75	18.00	20.25
.09	2.30	4.55	6.80	9.05	2	11.30	13.55	15.80	18.05	20.30
.14	2.34	4.59	6.84	9.09	4	11.34	13.59	15.84	18.09	20.34
.18	2.39	4.64	6.89	9.14	6	11.39	13.64	15.89	18.14	20.39
.23	2.43	4.68	6.93	9.18	8	11.43	13.68	15.93	18.18	20.43
.27	2.48	4.73	6.98	9.23	10	11.48	13.73	15.98	18.23	20.48
.32	2.52	4.77	7.02	9.27	12	11.52	13.77	16.02	18.27	20.52
.36	2.57	4.82	7.07	9.32	14	11.57	13.82	16.07	18.32	20.57
.41	2.61	4.86	7.11	9.36	16	11.61	13.86	16.11	18.36	20.61
.45	2.66	4.91	7.16	9.41	18	11.66	13.91	16.16	18.41	20.66
.50	2.70	4.95	7.20	9.45	20	11.70	13.95	16.20	18.45	20.70
.54	2.75	5.00	7.25	9.50	22	11.75	14.00	16.25	18.50	20.75
.59	2.79	5.04	7.29	9.54	24	11.79	14.04	16.29	18.54	20.79
.63	2.84	5.09	7.34	9.59	26	11.84	14.09	16.34	18.59	20.84
.68	2.88	5.13	7.38	9.63	28	11.88	14.13	16.38	18.63	20.88
.72	2.93	5.18	7.43	9.68	30	11.93	14.18	16.43	18.68	20.93
.77	2.97	5.22	7.47	9.72	32	11.97	14.22	16.47	18.72	20.97
.81	3.02	5.27	7.52	9.77	34	12.02	14.27	16.52	18.77	21.02
.86	3.06	5.31	7.56	9.81	36	12.06	14.31	16.56	18.81	21.06
.90	3.11	5.36	7.61	9.86	38	12.11	14.36	16.61	18.86	21.11
.95	3.15	5.40	7.65	9.90	40	12.15	14.40	16.65	18.90	21.15
.99	3.20	5.45	7.70	9.95	42	12.20	14.45	16.70	18.95	21.20
1.04	3.24	5.49	7.74	9.99	44	12.24	14.49	16.74	18.99	21.24
1.08	3.29	5.54	7.79	10.04	46	12.29	14.54	16.79	19.04	21.29
1.13	3.33	5.58	7.83	10.08	48	12.33	14.58	16.83	19.08	21.33
1.17	3.38	5.63	7.88	10.13	50	12.38	14.63	16.88	19.13	21.38

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.17	3.42	5.67	7.92	10.17	52	12.42	14.67	16.92	19.17	21.42
1.22	3.47	5.72	7.97	10.22	54	12.47	14.72	16.97	19.22	21.47
1.26	3.51	5.76	8.01	10.26	56	12.51	14.76	17.01	19.26	21.51
1.31	3.56	5.81	8.06	10.31	58	12.56	14.81	17.06	19.31	21.56
1.35	3.60	5.85	8.10	10.35	60	12.60	14.85	17.10	19.35	21.60
1.40	3.65	5.90	8.15	10.40	62	12.65	14.90	17.15	19.40	21.65
1.44	3.69	5.94	8.19	10.44	64	12.69	14.94	17.19	19.44	21.69
1.49	3.74	5.99	8.24	10.49	66	12.74	14.99	17.24	19.49	21.74
1.53	3.78	6.03	8.28	10.53	68	12.78	15.03	17.28	19.53	21.78
1.58	3.83	6.08	8.33	10.58	70	12.83	15.08	17.33	19.58	21.83
1.62	3.87	6.12	8.37	10.62	72	12.87	15.12	17.37	19.62	21.87
1.67	3.92	6.17	8.42	10.67	74	12.92	15.17	17.42	19.67	21.92
1.71	3.96	6.21	8.46	10.71	76	12.96	15.21	17.46	19.71	21.96
1.76	4.01	6.26	8.51	10.76	78	13.01	15.26	17.51	19.76	22.01
1.80	4.05	6.30	8.55	10.80	80	13.05	15.30	17.55	19.80	22.05
1.85	4.10	6.35	8.60	10.85	82	13.10	15.35	17.60	19.85	22.10
1.89	4.14	6.39	8.64	10.89	84	13.14	15.39	17.64	19.89	22.14
1.94	4.19	6.44	8.69	10.94	86	13.19	15.44	17.69	19.94	22.19
1.98	4.23	6.48	8.73	10.98	88	13.23	15.48	17.73	19.98	22.23
2.03	4.28	6.53	8.78	11.03	90	13.28	15.53	17.78	20.03	22.28
2.07	4.32	6.57	8.82	11.07	92	13.32	15.57	17.82	20.07	22.32
2.12	4.37	6.62	8.87	11.12	94	13.37	15.62	17.87	20.12	22.37
2.16	4.41	6.66	8.91	11.16	96	13.41	15.66	17.91	20.16	22.41
2.21	4.46	6.71	8.96	11.21	98	13.46	15.71	17.96	20.21	22.46

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
22.50	45.00	67.50	90.00	10	112.50	135.00	157.50	180.00	202.50
225.00	247.50	270.00	292.50	10	337.50	360.00	382.50	405.00	427.50
450.00	472.50	495.00	517.50	20	562.50	585.00	607.50	630.00	652.50

\$2.27½ Per 100

\$22.75 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
2.28	4.55	6.83	9.10	11.38	13.65	15.93	18.20	20.48		
2.05	2.32	4.60	6.87	9.15	2	11.42	13.70	15.97	18.25	20.52
2.09	2.37	4.64	6.92	9.19	4	11.47	13.74	16.02	18.29	20.57
2.14	2.41	4.69	6.96	9.24	6	11.51	13.79	16.06	18.34	20.61
2.18	2.46	4.73	7.01	9.28	8	11.56	13.83	16.11	18.38	20.66
2.23	2.50	4.78	7.05	9.33	10	11.60	13.88	16.15	18.43	20.71
2.27	2.55	4.82	7.10	9.37	12	11.65	13.92	16.20	18.47	20.75
2.32	2.59	4.87	7.14	9.42	14	11.69	13.97	16.24	18.52	20.79
2.36	2.64	4.91	7.19	9.46	16	11.74	14.01	16.29	18.56	20.84
2.41	2.68	4.96	7.23	9.51	18	11.78	14.06	16.33	18.61	20.88
2.46	2.73	5.01	7.28	9.56	20	11.83	14.11	16.38	18.66	20.93
2.50	2.78	5.05	7.33	9.60	22	11.88	14.15	16.43	18.70	20.98
2.55	2.82	5.10	7.37	9.65	24	11.92	14.20	16.47	18.75	21.02
2.59	2.87	5.14	7.42	9.69	26	11.97	14.24	16.52	18.79	21.07
2.64	2.91	5.19	7.46	9.74	28	12.01	14.29	16.56	18.84	21.11
2.68	2.96	5.23	7.51	9.78	30	12.06	14.33	16.61	18.88	21.16
2.73	3.00	5.28	7.55	9.83	32	12.10	14.38	16.65	18.93	21.20
2.77	3.05	5.32	7.60	9.87	34	12.15	14.42	16.70	18.97	21.25
2.82	3.09	5.37	7.64	9.92	36	12.19	14.47	16.74	19.02	21.29
2.86	3.14	5.41	7.69	9.96	38	12.24	14.51	16.79	19.06	21.34
2.91	3.19	5.46	7.74	10.01	40	12.29	14.56	16.84	19.11	21.39
2.96	3.23	5.51	7.78	10.06	42	12.33	14.61	16.88	19.16	21.43
3.00	3.28	5.55	7.83	10.10	44	12.38	14.65	16.93	19.20	21.48
3.05	3.32	5.60	7.87	10.15	46	12.42	14.70	16.97	19.25	21.52
3.09	3.37	5.64	7.92	10.19	48	12.47	14.74	17.02	19.29	21.57
3.14	3.41	5.69	7.96	10.24	50	12.51	14.79	17.06	19.34	21.61

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.18	3.46	5.73	8.01	10.28	52	12.56	14.83	17.11	19.38	21.66
1.23	3.50	5.78	8.05	10.33	54	12.60	14.88	17.15	19.43	21.70
1.27	3.55	5.83	8.10	10.37	56	12.65	14.92	17.20	19.47	21.75
1.32	3.59	5.87	8.14	10.42	58	12.69	14.97	17.24	19.52	21.79
1.37	3.64	5.92	8.19	10.47	60	12.74	15.02	17.29	19.57	21.84
1.41	3.69	5.96	8.24	10.51	62	12.79	15.06	17.34	19.61	21.89
1.46	3.73	6.01	8.28	10.56	64	12.83	15.11	17.38	19.66	21.93
1.50	3.78	6.05	8.33	10.60	66	12.88	15.15	17.43	19.70	21.98
1.55	3.82	6.10	8.37	10.65	68	12.92	15.20	17.47	19.75	22.02
1.59	3.87	6.14	8.42	10.69	70	12.97	15.24	17.52	19.79	22.07
1.64	3.91	6.19	8.46	10.74	72	13.01	15.29	17.56	19.84	22.11
1.68	3.96	6.23	8.51	10.78	74	13.06	15.33	17.61	19.88	22.16
1.73	4.00	6.28	8.55	10.83	76	13.10	15.38	17.65	19.93	22.20
1.77	4.05	6.33	8.60	10.87	78	13.15	15.42	17.70	19.97	22.25
1.82	4.10	6.37	8.65	10.92	80	13.20	15.47	17.75	20.02	22.30
1.87	4.14	6.42	8.69	10.97	82	13.24	15.52	17.79	20.07	22.34
1.91	4.19	6.46	8.74	11.01	84	13.29	15.56	17.84	20.11	22.39
1.96	4.23	6.51	8.78	11.06	86	13.33	15.61	17.88	20.16	22.43
2.00	4.28	6.55	8.83	11.10	88	13.38	15.65	17.93	20.20	22.48
2.05	4.32	6.60	8.87	11.15	90	13.42	15.70	17.97	20.25	22.52
2.09	4.37	6.64	8.92	11.19	92	13.47	15.74	18.02	20.29	22.57
2.14	4.41	6.69	8.96	11.24	94	13.51	15.79	18.06	20.34	22.61
2.18	4.46	6.73	9.01	11.28	96	13.56	15.83	18.11	20.38	22.66
2.23	4.51	6.78	9.05	11.33	98	13.61	15.88	18.15	20.43	22.71

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
22.75	45.50	68.25	91.00		113.75	136.50	159.25	182.00	204.75
227.50	250.25	273.00	295.75	318.50	10	341.25	364.00	386.75	409.50
455.00	477.75	500.50	523.25	546.00	20	568.75	591.50	614.25	637.00

6

\$32

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.30	4.60	6.90	9.20	2	11.50	13.80	16.10	18.40	20.70
.09	2.35	4.65	6.95	9.25	4	11.55	13.85	16.15	18.45	20.75
.14	2.39	4.69	6.99	9.29	6	11.59	13.89	16.19	18.49	20.79
.18	2.44	4.74	7.04	9.34	8	11.64	13.94	16.24	18.54	20.84
.23	2.48	4.78	7.08	9.38	10	11.68	13.98	16.28	18.58	20.88
.28	2.53	4.83	7.13	9.43	12	11.73	14.03	16.33	18.63	20.93
.32	2.58	4.88	7.18	9.48	14	11.78	14.08	16.38	18.68	20.98
.37	2.62	4.92	7.22	9.52	16	11.82	14.12	16.42	18.72	21.02
.41	2.67	4.97	7.27	9.57	18	11.87	14.17	16.47	18.77	21.07
.46	2.71	5.01	7.31	9.61	20	11.91	14.21	16.51	18.81	21.11
.51	2.76	5.06	7.36	9.66	22	11.96	14.26	16.56	18.86	21.16
.55	2.81	5.11	7.41	9.71	24	12.01	14.31	16.61	18.91	21.21
.60	2.85	5.15	7.45	9.75	26	12.05	14.35	16.65	18.95	21.25
.64	2.90	5.20	7.50	9.80	28	12.10	14.40	16.70	19.00	21.30
.69	2.94	5.24	7.54	9.84	30	12.14	14.44	16.74	19.04	21.34
.74	2.99	5.29	7.59	9.89	32	12.19	14.49	16.79	19.09	21.39
.78	3.04	5.34	7.64	9.94	34	12.24	14.54	16.84	19.14	21.44
.83	3.08	5.38	7.68	9.98	36	12.28	14.58	16.88	19.18	21.48
.87	3.13	5.43	7.73	10.03	38	12.33	14.63	16.93	19.23	21.53
.92	3.17	5.47	7.77	10.07	40	12.37	14.67	16.97	19.27	21.57
.97	3.22	5.52	7.82	10.12	42	12.42	14.72	17.02	19.32	21.62
1.01	3.27	5.57	7.87	10.17	44	12.47	14.77	17.07	19.37	21.67
1.06	3.31	5.61	7.91	10.21	46	12.51	14.81	17.11	19.41	21.71
1.10	3.36	5.66	7.96	10.26	48	12.56	14.86	17.16	19.46	21.76
1.15	3.40	5.70	8.00	10.30	50	12.60	14.90	17.20	19.50	21.80
	3.45	5.75	8.05	10.35		12.65	14.95	17.25	19.55	21.85

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.20	3.50	5.80	8.10	10.40	52	12.70	15.00	17.30	19.60	21.90
1.24	3.54	5.84	8.14	10.44	54	12.74	15.04	17.34	19.64	21.94
1.29	3.59	5.89	8.19	10.49	56	12.79	15.09	17.39	19.69	21.99
1.33	3.63	5.93	8.23	10.53	58	12.83	15.13	17.43	19.73	22.03
1.38	3.68	5.98	8.28	10.58	60	12.88	15.18	17.48	19.78	22.08
1.43	3.73	6.03	8.33	10.63	62	12.93	15.23	17.53	19.83	22.13
1.47	3.77	6.07	8.37	10.67	64	12.97	15.27	17.57	19.87	22.17
1.52	3.82	6.12	8.42	10.72	66	13.02	15.32	17.62	19.92	22.22
1.56	3.86	6.16	8.46	10.76	68	13.06	15.36	17.66	19.96	22.26
1.61	3.91	6.21	8.51	10.81	70	13.11	15.41	17.71	20.01	22.31
1.66	3.96	6.26	8.56	10.86	72	13.16	15.46	17.76	20.06	22.36
1.70	4.00	6.30	8.60	10.90	74	13.20	15.50	17.80	20.10	22.40
1.75	4.05	6.35	8.65	10.95	76	13.25	15.55	17.85	20.15	22.45
1.79	4.09	6.39	8.69	10.99	78	13.29	15.59	17.89	20.19	22.49
1.84	4.14	6.44	8.74	11.04	80	13.34	15.64	17.94	20.24	22.54
1.89	4.19	6.49	8.79	11.09	82	13.39	15.69	17.99	20.29	22.59
1.93	4.23	6.53	8.83	11.13	84	13.43	15.73	18.03	20.33	22.63
1.98	4.28	6.58	8.88	11.18	86	13.48	15.78	18.08	20.38	22.68
2.02	4.32	6.62	8.92	11.22	88	13.52	15.82	18.12	20.42	22.72
2.07	4.37	6.67	8.97	11.27	90	13.57	15.87	18.17	20.47	22.77
2.12	4.42	6.72	9.02	11.32	92	13.62	15.92	18.22	20.52	22.82
2.16	4.46	6.76	9.06	11.36	94	13.66	15.96	18.26	20.56	22.86
2.21	4.51	6.81	9.11	11.41	96	13.71	16.01	18.31	20.61	22.91
2.25	4.55	6.85	9.15	11.45	98	13.75	16.05	18.35	20.65	22.95

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
23.00	46.00	69.00	92.00		115.00	138.00	161.00	184.00	207.00
230.00	253.00	276.00	299.00	322.00	10	345.00	368.00	391.00	414.00
460.00	483.00	506.00	529.00	552.00	20	575.00	598.00	621.00	644.00

\$2.32½ Per 100

\$23.25 Per M.

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210 28	100	200	300	400	feet	500	600	700	800	900
1.12	2.33	4.65	6.98	9.30	1	11.63	13.95	16.28	18.60	20.93
1.05	2.37	4.70	7.02	9.35	2	11.67	14.00	16.32	18.65	20.97
1.09	2.42	4.74	7.07	9.39	4	11.72	14.04	16.37	18.69	21.02
1.14	2.46	4.79	7.11	9.44	6	11.76	14.09	16.41	18.74	21.06
1.19	2.51	4.84	7.16	9.49	8	11.81	14.14	16.46	18.79	21.11
1.23	2.56	4.88	7.21	9.53	10	11.86	14.18	16.51	18.83	21.16
1.28	2.60	4.93	7.25	9.58	12	11.90	14.23	16.55	18.88	21.20
1.33	2.65	4.98	7.30	9.63	14	11.95	14.28	16.60	18.93	21.25
1.37	2.70	5.02	7.35	9.67	16	12.00	14.32	16.65	18.97	21.30
1.42	2.74	5.07	7.39	9.72	18	12.04	14.37	16.69	19.02	21.34
1.47	2.79	5.12	7.44	9.77	20	12.09	14.42	16.74	19.07	21.39
1.51	2.84	5.16	7.49	9.81	22	12.14	14.46	16.79	19.11	21.44
1.56	2.88	5.21	7.53	9.86	24	12.18	14.51	16.83	19.16	21.48
1.60	2.93	5.25	7.58	9.90	26	12.23	14.55	16.88	19.20	21.53
1.65	2.98	5.30	7.63	9.95	28	12.28	14.60	16.93	19.25	21.58
1.70	3.02	5.35	7.67	10.00	30	12.32	14.65	16.97	19.30	21.62
1.74	3.07	5.39	7.72	10.04	32	12.37	14.69	17.02	19.34	21.67
1.79	3.12	5.44	7.77	10.09	34	12.42	14.74	17.07	19.39	21.72
1.84	3.16	5.49	7.81	10.14	36	12.46	14.79	17.11	19.44	21.76
1.88	3.21	5.53	7.86	10.18	38	12.51	14.83	17.16	19.48	21.81
1.93	3.26	5.58	7.91	10.23	40	12.56	14.88	17.21	19.53	21.86
1.98	3.30	5.63	7.95	10.28	42	12.60	14.93	17.25	19.58	21.90
1.02	3.35	5.67	8.00	10.32	44	12.65	14.97	17.30	19.62	21.95
1.07	3.39	5.72	8.04	10.37	46	12.69	15.02	17.34	19.67	21.99
1.12	3.44	5.77	8.09	10.42	48	12.74	15.07	17.39	19.72	22.04
1.16	3.49	5.81	8.14	10.46	50	12.79	15.11	17.44	19.76	22.09

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.21	3.53	5.86	8.18	10.51	52	12.83	15.16	17.48	19.81	22.13
1.26	3.58	5.91	8.23	10.56	54	12.88	15.21	17.53	19.86	22.18
1.30	3.63	5.95	8.28	10.60	56	12.93	15.25	17.58	19.90	22.23
1.35	3.67	6.00	8.32	10.65	58	12.97	15.30	17.62	19.95	22.27
1.40	3.72	6.06	8.37	10.70	60	13.02	15.36	17.67	20.00	22.32
1.44	3.77	6.09	8.42	10.74	62	13.07	15.39	17.72	20.04	22.37
1.49	3.81	6.14	8.46	10.79	64	13.11	15.44	17.76	20.09	22.41
1.53	3.86	6.18	8.51	10.83	66	13.16	15.48	17.81	20.13	22.46
1.58	3.91	6.23	8.56	10.88	68	13.21	15.53	17.86	20.18	22.51
1.63	3.95	6.28	8.60	10.93	70	13.25	15.58	17.90	20.23	22.55
1.67	4.00	6.32	8.65	10.97	72	13.30	15.62	17.95	20.27	22.60
1.72	4.05	6.37	8.70	11.02	74	13.35	15.67	18.00	20.32	22.65
1.77	4.09	6.42	8.74	11.07	76	13.39	15.72	18.04	20.37	22.69
1.81	4.14	6.46	8.79	11.11	78	13.44	15.76	18.09	20.41	22.74
1.86	4.19	6.51	8.84	11.16	80	13.49	15.81	18.14	20.46	22.79
1.91	4.23	6.56	8.88	11.21	82	13.53	15.86	18.18	20.51	22.83
1.95	4.28	6.60	8.93	11.25	84	13.58	15.90	18.23	20.55	22.88
2.00	4.32	6.65	8.97	11.30	86	13.62	15.95	18.27	20.60	22.92
2.05	4.37	6.70	9.02	11.35	88	13.67	16.00	18.32	20.65	22.97
2.09	4.42	6.74	9.07	11.39	90	13.72	16.04	18.37	20.69	23.02
2.14	4.46	6.79	9.11	11.44	92	13.76	16.09	18.41	20.74	23.06
2.19	4.51	6.84	9.16	11.49	94	13.81	16.14	18.46	20.79	23.11
2.23	4.56	6.88	9.21	11.53	96	13.86	16.18	18.51	20.83	23.16
2.28	4.60	6.93	9.25	11.58	98	13.90	16.23	18.55	20.88	23.20

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
23.25	46.50	69.75	93.00		116.25	139.50	162.75	186.00	209.25
232.50	255.75	279.00	302.25	10	348.75	372.00	395.25	418.50	441.75
465.00	488.25	511.50	534.75	20	581.25	604.50	627.75	651.00	674.25

\$32

\$23

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.35	4.70	7.05	9.40		11.75	14.10	16.45	18.80	21.15
.05	2.40	4.75	7.10	9.45	2	11.80	14.15	16.50	18.85	21.20
.09	2.44	4.79	7.14	9.49	4	11.84	14.19	16.54	18.89	21.24
.14	2.49	4.84	7.19	9.54	6	11.89	14.24	16.59	18.94	21.29
.19	2.54	4.89	7.24	9.59	8	11.94	14.29	16.64	18.99	21.34
.24	2.59	4.94	7.29	9.64	10	11.99	14.34	16.69	19.04	21.39
.28	2.63	4.98	7.33	9.68	12	12.03	14.38	16.73	19.08	21.43
.33	2.68	5.03	7.38	9.73	14	12.08	14.43	16.78	19.13	21.48
.38	2.73	5.08	7.43	9.78	16	12.13	14.48	16.83	19.18	21.53
.42	2.77	5.12	7.47	9.82	18	12.17	14.52	16.87	19.22	21.57
.47	2.82	5.17	7.52	9.87	20	12.22	14.57	16.92	19.27	21.62
.52	2.87	5.22	7.57	9.92	22	12.27	14.62	16.97	19.32	21.67
.56	2.91	5.26	7.61	9.96	24	12.31	14.66	17.01	19.36	21.71
.61	2.96	5.31	7.66	10.01	26	12.36	14.71	17.06	19.41	21.76
.66	3.01	5.36	7.71	10.06	28	12.41	14.76	17.11	19.46	21.81
.71	3.06	5.41	7.76	10.11	30	12.46	14.81	17.16	19.51	21.86
.75	3.10	5.45	7.80	10.15	32	12.50	14.85	17.20	19.55	21.90
.80	3.15	5.50	7.85	10.20	34	12.55	14.90	17.25	19.60	21.95
.85	3.20	5.55	7.90	10.25	36	12.60	14.95	17.30	19.65	22.00
.89	3.24	5.59	7.94	10.29	38	12.64	14.99	17.34	19.69	22.04
.94	3.29	5.64	7.99	10.34	40	12.69	15.04	17.39	19.74	22.09
.99	3.34	5.69	8.04	10.39	42	12.74	15.09	17.44	19.79	22.14
1.03	3.38	5.73	8.08	10.43	44	12.78	15.13	17.48	19.83	22.18
1.08	3.43	5.78	8.13	10.48	46	12.83	15.18	17.53	19.88	22.23
1.13	3.48	5.83	8.18	10.53	48	12.88	15.23	17.58	19.93	22.28
1.18	3.53	5.88	8.23	10.58	50	12.93	15.28	17.63	19.98	22.33

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.22	3.57	5.92	8.27	10.62	52	12.97	15.32	17.67	20.02	22.37
1.27	3.62	5.97	8.32	10.67	54	13.02	15.37	17.72	20.07	22.42
1.32	3.67	6.02	8.37	10.72	56	13.07	15.42	17.77	20.12	22.47
1.36	3.71	6.06	8.41	10.76	58	13.11	15.46	17.81	20.16	22.51
1.41	3.76	6.11	8.46	10.81	60	13.16	15.51	17.86	20.21	22.56
1.46	3.81	6.16	8.51	10.86	62	13.21	15.56	17.91	20.26	22.61
1.50	3.85	6.20	8.55	10.90	64	13.25	15.60	17.95	20.30	22.65
1.55	3.90	6.25	8.60	10.95	66	13.30	15.65	18.00	20.35	22.70
1.60	3.95	6.30	8.65	11.00	68	13.35	15.70	18.05	20.40	22.75
1.65	4.00	6.35	8.70	11.05	70	13.40	15.75	18.10	20.45	22.80
1.69	4.04	6.39	8.74	11.09	72	13.44	15.79	18.14	20.49	22.84
1.74	4.09	6.44	8.79	11.14	74	13.49	15.84	18.19	20.54	22.89
1.79	4.14	6.49	8.84	11.19	76	13.54	15.89	18.24	20.59	22.94
1.83	4.18	6.53	8.88	11.23	78	13.58	15.93	18.28	20.63	22.98
1.88	4.23	6.58	8.93	11.28	80	13.63	15.98	18.33	20.68	23.03
1.93	4.28	6.63	8.98	11.33	82	13.68	16.03	18.38	20.73	23.08
1.97	4.32	6.67	9.02	11.37	84	13.72	16.07	18.42	20.77	23.12
2.02	4.37	6.72	9.07	11.42	86	13.77	16.12	18.47	20.82	23.17
2.07	4.42	6.77	9.12	11.47	88	13.82	16.17	18.52	20.87	23.22
2.12	4.47	6.82	9.17	11.52	90	13.87	16.22	18.57	20.92	23.27
2.16	4.51	6.86	9.21	11.56	92	13.91	16.26	18.61	20.96	23.31
2.21	4.56	6.91	9.26	11.61	94	13.96	16.31	18.66	21.01	23.36
2.26	4.61	6.96	9.31	11.66	96	14.01	16.36	18.71	21.06	23.41
2.30	4.65	7.00	9.35	11.70	98	14.05	16.40	18.75	21.10	23.45

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
23.50	47.00	70.50	94.00		117.50	141.00	164.50	188.00	211.50
235.00	258.50	282.00	305.50	329.00	10	352.50	376.00	399.50	423.00
470.00	493.50	517.00	540.50	564.00	20	587.50	611.00	634.50	658.00

\$2.37½ Per 100

\$23.75 Per M.

75

2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.38	4.75	7.13	9.50	2	11.88	14.25	16.63	19.00	21.38
.10	2.42	4.80	7.18	9.55	4	11.92	14.30	16.68	19.05	21.42
.14	2.47	4.85	7.22	9.60	6	11.97	14.35	16.72	19.10	21.47
.19	2.52	4.89	7.27	9.64	8	12.02	14.39	16.77	19.14	21.52
.24	2.57	4.94	7.32	9.69	10	12.07	14.44	16.82	19.19	21.57
.29	2.61	4.99	7.37	9.74	12	12.11	14.49	16.87	19.24	21.61
.33	2.66	5.04	7.41	9.79	14	12.16	14.54	16.91	19.29	21.66
.38	2.71	5.08	7.46	9.83	16	12.21	14.58	16.96	19.33	21.71
.43	2.76	5.13	7.51	9.88	18	12.26	14.63	17.01	19.38	21.76
.48	2.80	5.18	7.56	9.93	20	12.30	14.68	17.06	19.43	21.80
.52	2.85	5.23	7.60	9.98	22	12.35	14.73	17.10	19.48	21.85
.57	2.90	5.27	7.65	10.02	24	12.40	14.77	17.15	19.52	21.90
.62	2.95	5.32	7.70	10.07	26	12.45	14.82	17.20	19.57	21.95
.67	2.99	5.37	7.75	10.12	28	12.49	14.87	17.25	19.62	21.99
.71	3.04	5.42	7.79	10.17	30	12.54	14.92	17.29	19.67	22.04
.76	3.09	5.46	7.84	10.21	32	12.59	14.96	17.34	19.71	22.09
.81	3.14	5.51	7.89	10.26	34	12.64	15.01	17.39	19.76	22.14
.86	3.18	5.56	7.94	10.31	36	12.68	15.06	17.44	19.81	22.18
.90	3.23	5.61	7.98	10.36	38	12.73	15.11	17.48	19.86	22.23
.95	3.28	5.65	8.03	10.40	40	12.78	15.15	17.53	19.90	22.28
1.00	3.33	5.70	8.08	10.45	42	12.83	15.20	17.58	19.95	22.33
1.05	3.37	5.75	8.13	10.50	44	12.87	15.25	17.63	20.00	22.37
1.09	3.42	5.80	8.17	10.55	46	12.92	15.30	17.67	20.05	22.42
1.14	3.47	5.84	8.22	10.59	48	12.97	15.34	17.72	20.09	22.47
1.19	3.52	5.89	8.27	10.64	50	13.02	15.39	17.77	20.14	22.52
1.24	3.56	5.94	8.32	10.69	52	13.06	15.44	17.82	20.19	22.56

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.24	3.61	5.99	8.36	10.74	52	13.11	15.49	17.86	20.24	22.61
1.28	3.66	6.03	8.41	10.78	54	13.16	15.53	17.91	20.28	22.66
1.33	3.71	6.08	8.46	10.83	56	13.21	15.58	17.96	20.33	22.71
1.38	3.76	6.13	8.51	10.88	58	13.26	15.63	18.01	20.38	22.76
1.43	3.80	6.18	8.55	10.93	60	13.30	15.68	18.05	20.43	22.80
1.47	3.85	6.22	8.60	10.97	62	13.35	15.72	18.10	20.47	22.85
1.52	3.90	6.27	8.65	11.02	64	13.40	15.77	18.15	20.52	22.90
1.57	3.94	6.32	8.70	11.07	66	13.44	15.82	18.20	20.57	22.94
1.62	3.99	6.37	8.74	11.12	68	13.49	15.87	18.24	20.62	22.99
1.66	4.04	6.41	8.79	11.16	70	13.54	15.91	18.29	20.66	23.04
1.71	4.09	6.46	8.84	11.21	72	13.59	15.96	18.34	20.71	23.09
1.76	4.13	6.51	8.89	11.26	74	13.63	16.01	18.39	20.76	23.13
1.81	4.18	6.56	8.93	11.31	76	13.68	16.06	18.43	20.81	23.18
1.85	4.23	6.60	8.98	11.35	78	13.73	16.10	18.48	20.85	23.23
1.90	4.28	6.65	9.03	11.40	80	13.78	16.15	18.53	20.90	23.28
1.95	4.32	6.70	9.08	11.45	82	13.82	16.20	18.58	20.95	23.32
2.00	4.37	6.75	9.12	11.50	84	13.87	16.25	18.62	21.00	23.37
2.04	4.42	6.79	9.17	11.54	86	13.92	16.29	18.67	21.04	23.42
2.09	4.47	6.84	9.22	11.59	88	13.97	16.34	18.72	21.09	23.47
2.14	4.51	6.89	9.27	11.64	90	14.01	16.39	18.77	21.14	23.51
2.19	4.56	6.94	9.31	11.69	92	14.06	16.44	18.81	21.19	23.56
2.23	4.61	6.98	9.36	11.73	94	14.11	16.48	18.86	21.23	23.61
2.28	4.66	7.03	9.41	11.78	96	14.16	16.53	18.91	21.28	23.66
2.33	4.70	7.08	9.46	11.83	98	14.20	16.58	18.96	21.33	23.70

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
23.75	47.50	71.25	95.00	10	118.75	142.50	166.25	190.00	213.75
237.50	261.25	285.00	308.75	332.50	10	856.25	880.00	403.75	427.50
475.00	498.75	522.50	546.25	570.00	20	593.75	617.50	641.25	665.00
								888.75	

\$32

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
1.05	2.40	4.80	7.20	9.60	2	12.00	14.40	16.80	19.20	21.60
1.10	2.45	4.85	7.25	9.65	2	12.05	14.45	16.85	19.25	21.65
1.14	2.50	4.90	7.30	9.70	4	12.10	14.50	16.90	19.30	21.70
1.19	2.54	4.94	7.34	9.74	6	12.14	14.54	16.94	19.34	21.74
1.24	2.59	4.99	7.39	9.79	8	12.19	14.59	16.99	19.39	21.79
1.29	2.64	5.04	7.44	9.84	10	12.24	14.64	17.04	19.44	21.84
1.34	2.69	5.09	7.49	9.89	12	12.29	14.69	17.09	19.49	21.89
1.38	2.74	5.14	7.54	9.94	14	12.34	14.74	17.14	19.54	21.94
1.43	2.78	5.18	7.58	9.98	16	12.38	14.78	17.18	19.58	21.98
1.48	2.83	5.23	7.63	10.03	18	12.43	14.83	17.23	19.63	22.03
1.53	2.88	5.28	7.68	10.08	20	12.48	14.88	17.28	19.68	22.08
1.58	2.93	5.33	7.73	10.13	22	12.53	14.93	17.33	19.73	22.13
1.62	2.98	5.38	7.78	10.18	24	12.58	14.98	17.38	19.78	22.18
1.67	3.02	5.42	7.82	10.22	26	12.62	15.02	17.42	19.82	22.22
1.72	3.07	5.47	7.87	10.27	28	12.67	15.07	17.47	19.87	22.27
1.77	3.12	5.52	7.92	10.32	30	12.72	15.12	17.52	19.92	22.32
1.82	3.17	5.57	7.97	10.37	32	12.77	15.17	17.57	19.97	22.37
1.86	3.22	5.62	8.02	10.42	34	12.82	15.22	17.62	20.02	22.42
1.91	3.26	5.66	8.06	10.46	36	12.86	15.26	17.66	20.06	22.46
1.96	3.31	5.71	8.11	10.51	38	12.91	15.31	17.71	20.11	22.51
2.01	3.36	5.76	8.16	10.56	40	12.96	15.36	17.76	20.16	22.56
2.06	3.41	5.81	8.21	10.61	42	13.01	15.41	17.81	20.21	22.61
2.10	3.46	5.86	8.26	10.66	44	13.06	15.46	17.86	20.26	22.66
2.15	3.50	5.90	8.30	10.70	46	13.10	15.50	17.90	20.30	22.70
2.20	3.55	5.95	8.35	10.75	48	13.15	15.55	17.95	20.35	22.75
2.25	3.60	6.00	8.40	10.80	50	13.20	15.60	18.00	20.40	22.80

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.25	3.65	6.05	8.45	10.85	52	13.25	15.65	18.05	20.45	22.85
1.30	3.70	6.10	8.50	10.90	54	13.30	15.70	18.10	20.50	22.90
1.34	3.74	6.14	8.54	10.94	56	13.34	15.74	18.14	20.54	22.94
1.39	3.79	6.19	8.59	10.99	58	13.39	15.79	18.19	20.59	22.99
1.44	3.84	6.24	8.64	11.04	60	13.44	15.84	18.24	20.64	23.04
1.49	3.89	6.29	8.69	11.09	62	13.49	15.89	18.29	20.69	23.09
1.54	3.94	6.34	8.74	11.14	64	13.54	15.94	18.34	20.74	23.14
1.58	3.98	6.38	8.78	11.18	66	13.58	15.98	18.38	20.78	23.18
1.63	4.03	6.43	8.83	11.23	68	13.63	16.03	18.43	20.83	23.23
1.68	4.08	6.48	8.88	11.28	70	13.68	16.08	18.48	20.88	23.28
1.73	4.13	6.53	8.93	11.33	72	13.73	16.13	18.53	20.93	23.33
1.78	4.18	6.58	8.98	11.38	74	13.78	16.18	18.58	20.98	23.38
1.82	4.22	6.62	9.02	11.42	76	13.82	16.22	18.62	21.02	23.42
1.87	4.27	6.67	9.07	11.47	78	13.87	16.27	18.67	21.07	23.47
1.92	4.32	6.72	9.12	11.52	80	13.92	16.32	18.72	21.12	23.52
1.97	4.37	6.77	9.17	11.57	82	13.97	16.37	18.77	21.17	23.57
2.02	4.42	6.82	9.22	11.62	84	14.02	16.42	18.82	21.22	23.62
2.06	4.46	6.86	9.26	11.66	86	14.06	16.46	18.86	21.26	23.66
2.11	4.51	6.91	9.31	11.71	88	14.11	16.51	18.91	21.31	23.71
2.16	4.56	6.96	9.36	11.76	90	14.16	16.56	18.96	21.36	23.76
2.21	4.61	7.01	9.41	11.81	92	14.21	16.61	19.01	21.41	23.81
2.26	4.66	7.06	9.46	11.86	94	14.26	16.66	19.06	21.46	23.86
2.30	4.70	7.10	9.50	11.90	96	14.30	16.70	19.10	21.50	23.90
2.35	4.75	7.15	9.55	11.95	98	14.35	16.75	19.15	21.55	23.95

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
24.00	48.00	72.00	96.00		120.00	144.00	168.00	192.00	216.00
240.00	288.00	312.00	336.00	10	360.00	384.00	408.00	432.00	456.00
480.00	504.00	528.00	552.00	20	600.00	624.00	648.00	672.00	696.00

\$2.42½ Per 100

\$24.25 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.43	4.85	7.28	9.70	1	12.13	14.55	16.98	19.40	21.83
.10	2.47	4.90	7.32	9.75	2	12.17	14.60	17.02	19.45	21.87
.15	2.52	4.95	7.37	9.80	4	12.22	14.65	17.07	19.50	21.92
.19	2.57	5.00	7.42	9.85	6	12.27	14.70	17.12	19.55	21.97
.24	2.62	5.04	7.47	9.89	8	12.32	14.74	17.17	19.59	22.02
.29	2.67	5.09	7.52	9.94	10	12.37	14.79	17.22	19.64	22.07
.34	2.72	5.14	7.57	9.99	12	12.42	14.84	17.27	19.69	22.12
.39	2.76	5.19	7.61	10.04	14	12.46	14.89	17.31	19.74	22.16
.44	2.81	5.24	7.66	10.09	16	12.51	14.94	17.36	19.79	22.21
.49	2.86	5.29	7.71	10.14	18	12.56	14.99	17.41	19.84	22.26
.53	2.91	5.34	7.76	10.19	20	12.61	15.04	17.46	19.89	22.31
.58	2.96	5.38	7.81	10.23	22	12.66	15.08	17.51	19.93	22.36
.63	3.01	5.43	7.86	10.28	24	12.71	15.13	17.56	19.98	22.41
.68	3.06	5.48	7.91	10.33	26	12.76	15.18	17.61	20.03	22.46
.73	3.10	5.53	7.95	10.38	28	12.80	15.23	17.65	20.08	22.50
.78	3.15	5.58	8.00	10.43	30	12.85	15.28	17.70	20.13	22.55
.82	3.20	5.63	8.05	10.48	32	12.90	15.33	17.75	20.18	22.60
.87	3.25	5.67	8.10	10.52	34	12.95	15.37	17.80	20.22	22.65
.92	3.30	5.72	8.15	10.57	36	13.00	15.42	17.85	20.27	22.70
.97	3.35	5.77	8.20	10.62	38	13.05	15.47	17.90	20.32	22.75
1.02	3.40	5.82	8.25	10.67	40	13.10	15.52	17.95	20.37	22.80
1.07	3.44	5.87	8.29	10.72	42	13.14	15.57	17.99	20.42	22.84
1.12	3.49	5.92	8.34	10.77	44	13.19	15.62	18.04	20.47	22.89
1.16	3.54	5.97	8.39	10.82	46	13.24	15.67	18.09	20.52	22.94
1.21	3.59	6.01	8.44	10.86	48	13.29	15.71	18.14	20.56	22.99
1.26	3.64	6.06	8.49	10.91	50	13.34	15.76	18.19	20.61	23.04

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.26	3.69	6.11	8.54	10.96	52	13.39	15.81	18.24	20.66	23.09
1.31	3.73	6.16	8.58	11.01	54	13.43	15.86	18.28	20.71	23.13
1.36	3.78	6.21	8.63	11.06	56	13.48	15.91	18.33	20.76	23.18
1.41	3.83	6.26	8.68	11.11	58	13.53	15.96	18.38	20.81	23.23
1.46	3.88	6.31	8.73	11.16	60	13.58	16.01	18.43	20.86	23.28
1.50	3.93	6.35	8.78	11.20	62	13.63	16.05	18.48	20.90	23.33
1.55	3.98	6.40	8.83	11.25	64	13.68	16.10	18.53	20.95	23.38
1.60	4.03	6.45	8.88	11.30	66	13.73	16.15	18.58	21.00	23.43
1.65	4.07	6.50	8.92	11.35	68	13.77	16.20	18.62	21.05	23.47
1.70	4.12	6.55	8.97	11.40	70	13.82	16.25	18.67	21.10	23.52
1.75	4.17	6.60	9.02	11.45	72	13.87	16.30	18.72	21.15	23.57
1.79	4.22	6.64	9.07	11.49	74	13.92	16.34	18.77	21.19	23.62
1.84	4.27	6.69	9.12	11.54	76	13.97	16.39	18.82	21.24	23.67
1.89	4.32	6.74	9.17	11.59	78	14.02	16.44	18.87	21.29	23.72
1.94	4.37	6.79	9.22	11.64	80	14.07	16.49	18.92	21.34	23.77
1.99	4.41	6.84	9.26	11.69	82	14.11	16.54	18.96	21.39	23.81
2.04	4.46	6.89	9.31	11.74	84	14.16	16.59	19.01	21.44	23.86
2.09	4.51	6.94	9.36	11.79	86	14.21	16.64	19.06	21.49	23.91
2.13	4.56	6.98	9.41	11.83	88	14.26	16.68	19.11	21.53	23.96
2.18	4.61	7.03	9.46	11.88	90	14.31	16.73	19.16	21.58	24.01
2.23	4.66	7.08	9.51	11.93	92	14.36	16.78	19.21	21.63	24.06
2.28	4.70	7.13	9.55	11.98	94	14.40	16.83	19.25	21.68	24.10
2.33	4.75	7.18	9.60	12.03	96	14.45	16.88	19.30	21.73	24.15
2.38	4.80	7.23	9.65	12.08	98	14.50	16.93	19.35	21.78	24.20

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
24.25	48.50	72.75	97.00		121.25	145.50	189.75	194.00	219.25
242.50	266.75	291.00	315.25	10	363.75	388.00	412.25	436.50	460.75
485.00	509.25	533.50	557.75	20	606.25	630.50	654.75	679.00	703.25

\$32

\$24

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.45	4.90	7.35	9.80	2	12.25	14.70	17.15	19.60	22.05
.10	2.50	4.95	7.40	9.85	4	12.30	14.75	17.20	19.65	22.10
.15	2.55	5.00	7.45	9.90	6	12.35	14.80	17.25	19.70	22.15
.20	2.60	5.05	7.50	9.95	8	12.40	14.85	17.30	19.75	22.20
.25	2.65	5.10	7.55	10.00	10	12.45	14.90	17.35	19.80	22.25
.29	2.70	5.15	7.60	10.05	12	12.50	14.95	17.40	19.85	22.30
.34	2.74	5.19	7.64	10.09	14	12.54	14.99	17.44	19.89	22.34
.39	2.79	5.24	7.69	10.14	16	12.59	15.04	17.49	19.94	22.39
.44	2.84	5.29	7.74	10.19	18	12.64	15.09	17.54	19.99	22.44
.49	2.89	5.34	7.79	10.24	20	12.69	15.14	17.59	20.04	22.49
.54	2.94	5.39	7.84	10.29	22	12.74	15.19	17.64	20.09	22.54
.59	2.99	5.44	7.89	10.34	24	12.79	15.24	17.69	20.14	22.59
.64	3.04	5.49	7.94	10.39	26	12.84	15.29	17.74	20.19	22.64
.69	3.09	5.54	7.99	10.44	28	12.89	15.34	17.79	20.24	22.69
.74	3.14	5.59	8.04	10.49	30	12.94	15.39	17.84	20.29	22.74
.78	3.19	5.64	8.09	10.54	32	12.99	15.44	17.89	20.34	22.79
.83	3.23	5.68	8.13	10.58	34	13.03	15.48	17.93	20.38	22.83
.88	3.28	5.73	8.18	10.63	36	13.08	15.53	17.98	20.43	22.88
.93	3.33	5.78	8.23	10.68	38	13.13	15.58	18.03	20.48	22.93
.98	3.38	5.83	8.28	10.73	40	13.18	15.63	18.08	20.53	22.98
1.03	3.43	5.88	8.33	10.78	42	13.23	15.68	18.13	20.58	23.03
1.08	3.48	5.93	8.38	10.83	44	13.28	15.73	18.18	20.63	23.08
1.13	3.53	5.98	8.43	10.88	46	13.33	15.78	18.23	20.68	23.13
1.18	3.58	6.03	8.48	10.93	48	13.38	15.83	18.28	20.73	23.18
1.23	3.63	6.08	8.53	10.98	50	13.43	15.88	18.33	20.78	23.23
1.28	3.68	6.13	8.58	11.03	52	13.48	15.93	18.38	20.83	23.28
1.32	3.72	6.17	8.62	11.07	54	13.52	15.97	18.42	20.87	23.32
1.37	3.77	6.22	8.67	11.12	56	13.57	16.02	18.47	20.92	23.37
1.42	3.82	6.27	8.72	11.17	58	13.62	16.07	18.52	20.97	23.42
1.47	3.87	6.32	8.77	11.22	60	13.67	16.12	18.57	21.02	23.47
1.52	3.92	6.37	8.82	11.27	62	13.72	16.17	18.62	21.07	23.52
1.57	3.97	6.42	8.87	11.32	64	13.77	16.22	18.67	21.12	23.57
1.62	4.02	6.47	8.92	11.37	66	13.82	16.27	18.72	21.17	23.62
1.67	4.07	6.52	8.97	11.42	68	13.87	16.32	18.77	21.22	23.67
1.72	4.12	6.57	9.02	11.47	70	13.92	16.37	18.82	21.27	23.72
1.76	4.17	6.62	9.07	11.52	72	13.97	16.42	18.87	21.32	23.77
1.81	4.21	6.66	9.11	11.56	74	14.01	16.46	18.91	21.36	23.81
1.86	4.26	6.71	9.16	11.61	76	14.06	16.51	18.96	21.41	23.86
1.91	4.31	6.76	9.21	11.66	78	14.11	16.56	19.01	21.46	23.91
1.96	4.36	6.81	9.26	11.71	80	14.16	16.61	19.06	21.51	23.96
2.01	4.41	6.86	9.31	11.76	82	14.21	16.66	19.11	21.56	24.01
2.06	4.46	6.91	9.36	11.81	84	14.26	16.71	19.16	21.61	24.06
2.11	4.51	6.96	9.41	11.86	86	14.31	16.76	19.21	21.66	24.11
2.16	4.56	7.01	9.46	11.91	88	14.36	16.81	19.26	21.71	24.16
2.21	4.61	7.06	9.51	11.96	90	14.41	16.86	19.31	21.76	24.21
2.25	4.66	7.11	9.56	12.01	92	14.46	16.91	19.36	21.81	24.26
2.30	4.70	7.15	9.60	12.05	94	14.50	16.95	19.40	21.85	24.30
2.35	4.75	7.20	9.65	12.10	96	14.55	17.00	19.45	21.90	24.35
2.40	4.80	7.25	9.70	12.15	98	14.60	17.05	19.50	21.95	24.40
2.45	4.85	7.30	9.75	12.20	100	14.65	17.10	19.55	22.00	24.45

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
24.50	49.00	73.50	98.00		122.50	147.00	171.50	196.00	220.50
245.00	269.50	294.00	318.50	10	367.50	392.00	416.50	441.00	465.50
490.00	514.50	539.00	563.50	20	612.50	637.00	661.50	686.00	710.50

\$2.47 1/2 Per 100

\$24.75 Per M.

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to 98	100	200	300	400	feet	500	600	700	800	900
.25	2.48	4.95	7.43	9.90	1	12.38	14.85	17.33	19.80	22.28
.05	2.52	5.00	7.47	9.95	2	12.42	14.90	17.37	19.85	22.32
.10	2.57	5.05	7.52	10.00	4	12.47	14.95	17.42	19.90	22.37
.15	2.62	5.10	7.57	10.05	6	12.52	15.00	17.47	19.95	22.42
.20	2.67	5.15	7.62	10.10	8	12.57	15.05	17.52	20.00	22.47
.25	2.72	5.20	7.67	10.15	10	12.62	15.10	17.57	20.05	22.52
.30	2.77	5.25	7.72	10.20	12	12.67	15.15	17.62	20.10	22.57
.35	2.82	5.30	7.77	10.25	14	12.72	15.20	17.67	20.15	22.62
.40	2.87	5.35	7.82	10.30	16	12.77	15.25	17.72	20.20	22.67
.45	2.92	5.40	7.87	10.35	18	12.82	15.30	17.77	20.25	22.72
.50	2.97	5.45	7.92	10.40	20	12.87	15.35	17.82	20.30	22.77
.54	3.02	5.49	7.97	10.44	22	12.92	15.39	17.87	20.34	22.82
.59	3.07	5.54	8.02	10.49	24	12.97	15.44	17.92	20.39	22.87
.64	3.12	5.59	8.07	10.54	26	13.02	15.49	17.97	20.44	22.92
.69	3.17	5.64	8.12	10.59	28	13.07	15.54	18.02	20.49	22.97
.74	3.22	5.69	8.17	10.64	30	13.12	15.59	18.07	20.54	23.02
.79	3.27	5.74	8.22	10.69	32	13.17	15.64	18.12	20.59	23.07
.84	3.32	5.79	8.27	10.74	34	13.22	15.69	18.17	20.64	23.12
.89	3.37	5.84	8.32	10.79	36	13.27	15.74	18.22	20.69	23.17
.94	3.42	5.89	8.37	10.84	38	13.32	15.79	18.27	20.74	23.22
.99	3.47	5.94	8.42	10.89	40	13.37	15.84	18.32	20.79	23.27
1.04	3.51	5.99	8.46	10.94	42	13.41	15.89	18.36	20.84	23.31
1.09	3.56	6.04	8.51	10.99	44	13.46	15.94	18.41	20.89	23.36
1.14	3.61	6.09	8.56	11.04	46	13.51	15.99	18.46	20.94	23.41
1.19	3.66	6.14	8.61	11.09	48	13.56	16.04	18.51	20.99	23.46
1.24	3.71	6.19	8.66	11.14	50	13.61	16.09	18.56	21.04	23.51

to 98	100	200	300	400	feet	500	600	700	800	900
1.29	3.76	6.24	8.71	11.19	52	13.66	16.14	18.61	21.09	23.56
1.34	3.81	6.29	8.76	11.24	54	13.71	16.19	18.66	21.14	23.61
1.39	3.86	6.34	8.81	11.29	56	13.76	16.24	18.71	21.19	23.66
1.44	3.91	6.39	8.86	11.34	58	13.81	16.29	18.76	21.24	23.71
1.49	3.96	6.44	8.91	11.39	60	13.86	16.34	18.81	21.29	23.76
1.53	4.01	6.48	8.96	11.43	62	13.91	16.38	18.86	21.33	23.81
1.58	4.06	6.53	9.01	11.48	64	13.96	16.43	18.91	21.38	23.86
1.63	4.11	6.58	9.06	11.53	66	14.01	16.48	18.96	21.43	23.91
1.68	4.16	6.63	9.11	11.58	68	14.06	16.53	19.01	21.48	23.96
1.73	4.21	6.68	9.16	11.63	70	14.11	16.58	19.06	21.53	24.01
1.78	4.26	6.73	9.21	11.68	72	14.16	16.63	19.11	21.58	24.06
1.83	4.31	6.78	9.26	11.73	74	14.21	16.68	19.16	21.63	24.11
1.88	4.36	6.83	9.31	11.78	76	14.26	16.73	19.21	21.68	24.16
1.93	4.41	6.88	9.36	11.83	78	14.31	16.78	19.26	21.73	24.21
1.98	4.46	6.93	9.41	11.88	80	14.36	16.83	19.31	21.78	24.26
2.03	4.51	6.98	9.46	11.93	82	14.41	16.88	19.36	21.83	24.31
2.08	4.55	7.03	9.50	11.98	84	14.45	16.93	19.40	21.88	24.35
2.13	4.60	7.08	9.55	12.03	86	14.50	16.98	19.45	21.93	24.40
2.18	4.65	7.13	9.60	12.08	88	14.55	17.03	19.50	21.98	24.45
2.23	4.70	7.18	9.65	12.13	90	14.60	17.08	19.55	22.03	24.50
2.28	4.75	7.23	9.70	12.18	92	14.65	17.13	19.60	22.08	24.55
2.33	4.80	7.28	9.75	12.23	94	14.70	17.18	19.65	22.13	24.60
2.38	4.85	7.33	9.80	12.28	96	14.75	17.23	19.70	22.18	24.65
2.43	4.90	7.38	9.85	12.33	98	14.80	17.28	19.75	22.23	24.70

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
24.75	49.50	74.25	99.00		123.75	148.50	173.25	198.00	222.75
247.50	272.25	297.00	321.75	10	371.25	396.00	420.75	445.50	470.25
495.00	519.75	544.50	569.25	20	618.75	643.50	668.25	693.00	717.75

\$32

\$25

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
95	2.50	5.00	7.50	10.00		12.50	15.00	17.50	20.00	22.50
105	2.55	5.05	7.55	10.05	2	12.55	15.05	17.55	20.05	22.55
110	2.60	5.10	7.60	10.10	4	12.60	15.10	17.60	20.10	22.60
115	2.65	5.15	7.65	10.15	6	12.65	15.15	17.65	20.15	22.65
120	2.70	5.20	7.70	10.20	8	12.70	15.20	17.70	20.20	22.70
125	2.75	5.25	7.75	10.25	10	12.75	15.25	17.75	20.25	22.75
130	2.80	5.30	7.80	10.30	12	12.80	15.30	17.80	20.30	22.80
135	2.85	5.35	7.85	10.35	14	12.85	15.35	17.85	20.35	22.85
140	2.90	5.40	7.90	10.40	16	12.90	15.40	17.90	20.40	22.90
145	2.95	5.45	7.95	10.45	18	12.95	15.45	17.95	20.45	22.95
150	3.00	5.50	8.00	10.50	20	13.00	15.50	18.00	20.50	23.00
155	3.05	5.55	8.05	10.55	22	13.05	15.55	18.05	20.55	23.05
160	3.10	5.60	8.10	10.60	24	13.10	15.60	18.10	20.60	23.10
165	3.15	5.65	8.15	10.65	26	13.15	15.65	18.15	20.65	23.15
170	3.20	5.70	8.20	10.70	28	13.20	15.70	18.20	20.70	23.20
175	3.25	5.75	8.25	10.75	30	13.25	15.75	18.25	20.75	23.25
180	3.30	5.80	8.30	10.80	32	13.30	15.80	18.30	20.80	23.30
185	3.35	5.85	8.35	10.85	34	13.35	15.85	18.35	20.85	23.35
190	3.40	5.90	8.40	10.90	36	13.40	15.90	18.40	20.90	23.40
195	3.45	5.95	8.45	10.95	38	13.45	15.95	18.45	20.95	23.45
1.00	3.50	6.00	8.50	11.00	40	13.50	16.00	18.50	21.00	23.50
1.05	3.55	6.05	8.55	11.05	42	13.55	16.05	18.55	21.05	23.55
1.10	3.60	6.10	8.60	11.10	44	13.60	16.10	18.60	21.10	23.60
1.15	3.65	6.15	8.65	11.15	46	13.65	16.15	18.65	21.15	23.65
1.20	3.70	6.20	8.70	11.20	48	13.70	16.20	18.70	21.20	23.70
1.25	3.75	6.25	8.75	11.25	50	13.75	16.25	18.75	21.25	23.75

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.30	3.80	6.30	8.80	11.30	52	13.80	16.30	18.80	21.30	23.80
1.35	3.85	6.35	8.85	11.35	54	13.85	16.35	18.85	21.35	23.85
1.40	3.90	6.40	8.90	11.40	56	13.90	16.40	18.90	21.40	23.90
1.45	3.95	6.45	8.95	11.45	58	13.95	16.45	18.95	21.45	23.95
1.50	4.00	6.50	9.00	11.50	60	14.00	16.50	19.00	21.50	24.00
1.55	4.05	6.55	9.05	11.55	62	14.05	16.55	19.05	21.55	24.05
1.60	4.10	6.60	9.10	11.60	64	14.10	16.60	19.10	21.60	24.10
1.65	4.15	6.65	9.15	11.65	66	14.15	16.65	19.15	21.65	24.15
1.70	4.20	6.70	9.20	11.70	68	14.20	16.70	19.20	21.70	24.20
1.75	4.25	6.75	9.25	11.75	70	14.25	16.75	19.25	21.75	24.25
1.80	4.30	6.80	9.30	11.80	72	14.30	16.80	19.30	21.80	24.30
1.85	4.35	6.85	9.35	11.85	74	14.35	16.85	19.35	21.85	24.35
1.90	4.40	6.90	9.40	11.90	76	14.40	16.90	19.40	21.90	24.40
1.95	4.45	6.95	9.45	11.95	78	14.45	16.95	19.45	21.95	24.45
2.00	4.50	7.00	9.50	12.00	80	14.50	17.00	19.50	22.00	24.50
2.05	4.55	7.05	9.55	12.05	82	14.55	17.05	19.55	22.05	24.55
2.10	4.60	7.10	9.60	12.10	84	14.60	17.10	19.60	22.10	24.60
2.15	4.65	7.15	9.65	12.15	86	14.65	17.15	19.65	22.15	24.65
2.20	4.70	7.20	9.70	12.20	88	14.70	17.20	19.70	22.20	24.70
2.25	4.75	7.25	9.75	12.25	90	14.75	17.25	19.75	22.25	24.75
2.30	4.80	7.30	9.80	12.30	92	14.80	17.30	19.80	22.30	24.80
2.35	4.85	7.35	9.85	12.35	94	14.85	17.35	19.85	22.35	24.85
2.40	4.90	7.40	9.90	12.40	96	14.90	17.40	19.90	22.40	24.90
2.45	4.95	7.45	9.95	12.45	98	14.95	17.45	19.95	22.45	24.95

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
25.00	50.00	75.00	100.00		125.00	150.00	175.00	200.00	225.00
250.00	275.00	300.00	325.00	10	375.00	400.00	425.00	450.00	475.00
500.00	525.00	550.00	575.00	20	625.00	650.00	675.00	700.00	725.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.53	5.05	7.58	10.10	2	12.63	15.15	17.68	20.20	22.73
.10	2.58	5.10	7.63	10.15	4	12.68	15.20	17.73	20.25	22.78
.15	2.63	5.15	7.68	10.20	6	12.73	15.25	17.78	20.30	22.83
.20	2.68	5.20	7.73	10.25	8	12.78	15.30	17.83	20.35	22.88
.25	2.73	5.25	7.78	10.30	10	12.83	15.35	17.88	20.40	22.93
.30	2.78	5.30	7.83	10.35	12	12.88	15.40	17.93	20.45	22.98
.35	2.83	5.35	7.88	10.40	14	12.93	15.45	17.98	20.50	23.03
.40	2.88	5.40	7.93	10.45	16	12.98	15.50	18.03	20.55	23.08
.45	2.93	5.45	7.98	10.50	18	13.03	15.55	18.08	20.60	23.13
.51	2.98	5.50	8.03	10.55	20	13.08	15.60	18.13	20.65	23.18
.56	3.03	5.56	8.08	10.61	22	13.13	15.66	18.18	20.71	23.23
.61	3.08	5.61	8.13	10.66	24	13.18	15.71	18.23	20.76	23.28
.66	3.13	5.66	8.18	10.71	26	13.23	15.76	18.28	20.81	23.33
.71	3.18	5.71	8.23	10.76	28	13.28	15.81	18.33	20.86	23.38
.76	3.23	5.76	8.28	10.81	30	13.33	15.86	18.38	20.91	23.43
.81	3.28	5.81	8.33	10.86	32	13.38	15.91	18.43	20.96	23.48
.86	3.33	5.86	8.38	10.91	34	13.43	15.96	18.48	21.01	23.53
.91	3.38	5.91	8.43	10.96	36	13.48	16.01	18.53	21.06	23.58
.96	3.43	5.96	8.48	11.01	38	13.53	16.06	18.58	21.11	23.63
1.01	3.48	6.01	8.53	11.06	40	13.58	16.11	18.63	21.16	23.68
1.06	3.54	6.06	8.59	11.11	42	13.64	16.16	18.69	21.21	23.74
1.11	3.59	6.11	8.64	11.16	44	13.69	16.21	18.74	21.26	23.79
1.16	3.64	6.16	8.69	11.21	46	13.74	16.26	18.79	21.31	23.84
1.21	3.69	6.21	8.74	11.26	48	13.79	16.31	18.84	21.36	23.89
1.26	3.74	6.26	8.79	11.31	50	13.84	16.36	18.89	21.41	23.94
1.31	3.79	6.31	8.84	11.36		13.89	16.41	18.94	21.46	23.99

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.31	3.84	6.36	8.89	11.41	52	13.94	16.46	18.99	21.51	24.04
1.36	3.89	6.41	8.94	11.46	54	13.99	16.51	19.04	21.56	24.09
1.41	3.94	6.46	8.99	11.51	56	14.04	16.56	19.09	21.61	24.14
1.46	3.99	6.51	9.04	11.56	58	14.09	16.61	19.14	21.66	24.19
1.52	4.04	6.57	9.09	11.62	60	14.14	16.67	19.19	21.72	24.24
1.57	4.09	6.62	9.14	11.67	62	14.19	16.72	19.24	21.77	24.29
1.62	4.14	6.67	9.19	11.72	64	14.24	16.77	19.29	21.82	24.34
1.67	4.19	6.72	9.24	11.77	66	14.29	16.82	19.34	21.87	24.39
1.72	4.24	6.77	9.29	11.82	68	14.34	16.87	19.39	21.92	24.44
1.77	4.29	6.82	9.34	11.87	70	14.39	16.92	19.44	21.97	24.49
1.82	4.34	6.87	9.39	11.92	72	14.44	16.97	19.49	22.02	24.54
1.87	4.39	6.92	9.44	11.97	74	14.49	17.02	19.54	22.07	24.59
1.92	4.44	6.97	9.49	12.02	76	14.54	17.07	19.59	22.12	24.64
1.97	4.49	7.02	9.54	12.07	78	14.59	17.12	19.64	22.17	24.69
2.02	4.55	7.07	9.60	12.12	80	14.65	17.17	19.70	22.22	24.75
2.07	4.60	7.12	9.65	12.17	82	14.70	17.22	19.75	22.27	24.80
2.12	4.65	7.17	9.70	12.22	84	14.75	17.27	19.80	22.32	24.85
2.17	4.70	7.22	9.75	12.27	86	14.80	17.32	19.85	22.37	24.90
2.22	4.75	7.27	9.80	12.32	88	14.85	17.37	19.90	22.42	24.95
2.27	4.80	7.32	9.85	12.37	90	14.90	17.42	19.95	22.47	25.00
2.32	4.85	7.37	9.90	12.42	92	14.95	17.47	20.00	22.52	25.05
2.37	4.90	7.42	9.95	12.47	94	15.00	17.52	20.05	22.57	25.10
2.42	4.95	7.47	10.00	12.52	96	15.05	17.57	20.10	22.62	25.15
2.47	5.00	7.52	10.05	12.57	98	15.10	17.62	20.15	22.67	25.20

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
25.25	50.50	75.75	101.00		126.25	151.50	176.75	202.00	227.25
252.50	277.75	303.00	328.25	353.50	378.75	404.00	429.25	454.50	479.75
505.00	530.25	555.50	580.75	606.00	631.25	656.50	681.75	707.00	732.25

\$32

\$25

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\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.55	5.10	7.65	10.20	2	12.75	15.30	17.85	20.40	22.95
.10	2.60	5.15	7.70	10.25	4	12.80	15.35	17.90	20.45	23.00
.15	2.65	5.20	7.75	10.30	6	12.85	15.40	17.95	20.50	23.05
.20	2.70	5.25	7.80	10.35	8	12.90	15.45	18.00	20.55	23.10
.26	2.75	5.30	7.85	10.40	10	12.95	15.50	18.05	20.60	23.15
.31	2.81	5.36	7.91	10.46	12	13.01	15.56	18.11	20.66	23.21
.36	2.86	5.41	7.96	10.51	14	13.06	15.61	18.16	20.71	23.26
.41	2.91	5.46	8.01	10.56	16	13.11	15.66	18.21	20.76	23.31
.46	2.96	5.51	8.06	10.61	18	13.16	15.71	18.26	20.81	23.36
.51	3.01	5.56	8.11	10.66	20	13.21	15.76	18.31	20.86	23.41
.56	3.06	5.61	8.16	10.71	22	13.26	15.81	18.36	20.91	23.46
.61	3.11	5.66	8.21	10.76	24	13.31	15.86	18.41	20.96	23.51
.66	3.16	5.71	8.26	10.81	26	13.36	15.91	18.46	21.01	23.56
.71	3.21	5.76	8.31	10.86	28	13.41	15.96	18.51	21.06	23.61
.77	3.26	5.81	8.36	10.91	30	13.46	16.01	18.56	21.11	23.66
.82	3.32	5.87	8.42	10.97	32	13.52	16.07	18.62	21.17	23.72
.87	3.37	5.92	8.47	11.02	34	13.57	16.12	18.67	21.22	23.77
.92	3.42	5.97	8.52	11.07	36	13.62	16.17	18.72	21.27	23.82
.97	3.47	6.02	8.57	11.12	38	13.67	16.22	18.77	21.32	23.87
1.02	3.52	6.07	8.62	11.17	40	13.72	16.27	18.82	21.37	23.92
1.07	3.57	6.12	8.67	11.22	42	13.77	16.32	18.87	21.42	23.97
1.12	3.62	6.17	8.72	11.27	44	13.82	16.37	18.92	21.47	24.02
1.17	3.67	6.22	8.77	11.32	46	13.87	16.42	18.97	21.52	24.07
1.22	3.72	6.27	8.82	11.37	48	13.92	16.47	19.02	21.57	24.12
1.28	3.77	6.32	8.87	11.42	50	13.97	16.52	19.07	21.62	24.17
1.33	3.83	6.38	8.93	11.48		14.03	16.58	19.13	21.68	24.23

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.33	3.88	6.43	8.98	11.53	52	14.08	16.63	19.18	21.73	24.28
1.38	3.93	6.48	9.03	11.58	54	14.13	16.68	19.23	21.78	24.33
1.43	3.98	6.53	9.08	11.63	56	14.18	16.73	19.28	21.83	24.38
1.48	4.03	6.58	9.13	11.68	58	14.23	16.78	19.33	21.88	24.43
1.53	4.08	6.63	9.18	11.73	60	14.28	16.83	19.38	21.93	24.48
1.58	4.13	6.68	9.23	11.78	62	14.33	16.88	19.43	21.98	24.53
1.63	4.18	6.73	9.28	11.83	64	14.38	16.93	19.48	22.03	24.58
1.68	4.23	6.78	9.33	11.88	66	14.43	16.98	19.53	22.08	24.63
1.73	4.28	6.83	9.38	11.93	68	14.48	17.03	19.58	22.13	24.68
1.79	4.34	6.89	9.44	11.99	70	14.54	17.09	19.64	22.19	24.74
1.84	4.39	6.94	9.49	12.04	72	14.59	17.14	19.69	22.24	24.79
1.89	4.44	6.99	9.54	12.09	74	14.64	17.19	19.74	22.29	24.84
1.94	4.49	7.04	9.59	12.14	76	14.69	17.24	19.79	22.34	24.89
1.99	4.54	7.09	9.64	12.19	78	14.74	17.29	19.84	22.39	24.94
2.04	4.59	7.14	9.69	12.24	80	14.79	17.34	19.89	22.44	24.99
2.09	4.64	7.19	9.74	12.29	82	14.84	17.39	19.94	22.49	25.04
2.14	4.69	7.24	9.79	12.34	84	14.89	17.44	19.99	22.54	25.09
2.19	4.74	7.29	9.84	12.39	86	14.94	17.49	20.04	22.59	25.14
2.24	4.79	7.34	9.89	12.44	88	14.99	17.54	20.09	22.64	25.19
2.30	4.85	7.40	9.95	12.50	90	15.05	17.60	20.15	22.70	25.25
2.35	4.90	7.45	10.00	12.55	92	15.10	17.65	20.20	22.75	25.30
2.40	4.95	7.50	10.05	12.60	94	15.15	17.70	20.25	22.80	25.35
2.45	5.00	7.55	10.10	12.65	96	15.20	17.75	20.30	22.85	25.40
2.50	5.05	7.60	10.15	12.70	98	15.25	17.80	20.35	22.90	25.45

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
25.50	51.00	76.50	102.00		127.50	153.00	178.50	204.00	229.50
255.00	280.50	306.00	331.50	10	382.50	408.00	433.50	459.00	484.50
510.00	535.50	561.00	586.50	20	637.50	663.00	688.50	714.00	739.50

2 to 98	100	200	300	400 feet	500	600	700	800	900
.05	2.58	5.15	7.73	10.30	12.88	15.45	18.03	20.60	23.18
.10	2.63	5.20	7.78	10.35	12.93	15.50	18.08	20.65	23.23
.15	2.68	5.25	7.83	10.40	12.98	15.55	18.13	20.70	23.28
.21	2.73	5.30	7.88	10.45	13.03	15.60	18.18	20.75	23.33
.26	2.78	5.36	7.93	10.51	13.08	15.66	18.23	20.81	23.38
.31	2.83	5.41	7.98	10.56	13.13	15.71	18.28	20.86	23.43
.36	2.88	5.46	8.03	10.61	13.18	15.76	18.33	20.91	23.48
.41	2.94	5.51	8.09	10.66	13.24	15.81	18.39	20.96	23.54
.46	2.99	5.56	8.14	10.71	13.29	15.86	18.44	21.01	23.59
.52	3.04	5.61	8.19	10.76	13.34	15.91	18.49	21.06	23.64
.57	3.09	5.67	8.24	10.82	13.39	15.97	18.54	21.12	23.69
.62	3.14	5.72	8.29	10.87	13.44	16.02	18.59	21.17	23.74
.67	3.19	5.77	8.34	10.92	13.49	16.07	18.64	21.22	23.79
.72	3.24	5.82	8.39	10.97	13.54	16.12	18.69	21.27	23.84
.77	3.30	5.87	8.45	11.02	13.60	16.17	18.75	21.32	23.90
.82	3.35	5.92	8.50	11.07	13.65	16.22	18.80	21.37	23.95
.88	3.40	5.97	8.55	11.12	13.70	16.27	18.85	21.42	24.00
.93	3.45	6.03	8.60	11.18	13.75	16.33	18.90	21.48	24.05
.98	3.50	6.08	8.65	11.23	13.80	16.38	18.95	21.53	24.10
1.03	3.55	6.13	8.70	11.28	13.85	16.43	19.00	21.58	24.15
1.08	3.61	6.18	8.76	11.33	13.91	16.48	19.06	21.63	24.21
1.13	3.66	6.23	8.81	11.38	13.96	16.53	19.11	21.68	24.26
1.18	3.71	6.28	8.86	11.43	14.01	16.58	19.16	21.73	24.31
1.24	3.76	6.33	8.91	11.48	14.06	16.63	19.21	21.78	24.36
1.29	3.81	6.39	8.96	11.54	14.11	16.69	19.26	21.84	24.41
1.34	3.86	6.44	9.01	11.59	14.16	16.74	19.31	21.89	24.46

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.34	3.91	6.49	9.06	11.64	52	14.21	16.79	19.36	21.94	24.51
1.39	3.97	6.54	9.12	11.69	54	14.27	16.84	19.42	21.99	24.57
1.44	4.02	6.59	9.17	11.74	56	14.32	16.89	19.47	22.04	24.62
1.49	4.07	6.64	9.22	11.79	58	14.37	16.94	19.52	22.09	24.67
1.55	4.12	6.70	9.27	11.85	60	14.42	17.00	19.57	22.15	24.72
1.60	4.17	6.75	9.32	11.90	62	14.47	17.05	19.62	22.20	24.77
1.65	4.22	6.80	9.37	11.95	64	14.52	17.10	19.67	22.25	24.82
1.70	4.27	6.85	9.42	12.00	66	14.57	17.15	19.72	22.30	24.87
1.75	4.33	6.90	9.48	12.05	68	14.63	17.20	19.78	22.35	24.93
1.80	4.38	6.95	9.53	12.10	70	14.68	17.25	19.83	22.40	24.98
1.85	4.43	7.00	9.58	12.15	72	14.73	17.30	19.88	22.45	25.03
1.91	4.48	7.06	9.63	12.21	74	14.78	17.36	19.93	22.51	25.08
1.96	4.53	7.11	9.68	12.26	76	14.83	17.41	19.98	22.56	25.13
2.01	4.58	7.16	9.73	12.31	78	14.88	17.46	20.03	22.61	25.18
2.06	4.64	7.21	9.79	12.36	80	14.94	17.51	20.09	22.66	25.24
2.11	4.69	7.26	9.84	12.41	82	14.99	17.56	20.14	22.71	25.29
2.16	4.74	7.31	9.89	12.46	84	15.04	17.61	20.19	22.76	25.34
2.21	4.79	7.36	9.94	12.51	86	15.09	17.66	20.24	22.81	25.39
2.27	4.84	7.42	9.99	12.57	88	15.14	17.72	20.29	22.87	25.44
2.32	4.89	7.47	10.04	12.62	90	15.19	17.77	20.34	22.92	25.49
2.37	4.94	7.52	10.09	12.67	92	15.24	17.82	20.39	22.97	25.54
2.42	5.00	7.57	10.15	12.72	94	15.30	17.87	20.45	23.02	25.60
2.47	5.05	7.62	10.20	12.77	96	15.35	17.92	20.50	23.07	25.65
2.52	5.10	7.67	10.25	12.82	98	15.40	17.97	20.55	23.12	25.70

Above 1M.					M FEET				
1	2	3	4	M	5	6	7	8	9
25.75	51.50	77.25	103.00		128.75	154.50	180.25	206.00	231.75
257.50	283.25	309.00	334.75	10	386.25	412.00	437.75	463.50	489.25
515.00	540.75	566.50	592.25	20	643.75	669.50	695.25	721.00	746.75

\$32

\$26

\$27

\$28

\$29

\$30

\$31



2 to 98	100	200	300	400	feet	500	600	700	800	900
2.05	2.60	5.20	7.80	10.40	2	13.00	15.60	18.20	20.80	23.40
3.10	2.65	5.25	7.85	10.45	4	13.05	15.65	18.25	20.85	23.45
4.16	2.70	5.30	7.90	10.50	6	13.10	15.70	18.30	20.90	23.50
5.21	2.76	5.36	7.96	10.56	8	13.16	15.76	18.36	20.96	23.56
6.26	2.81	5.41	8.01	10.61	10	13.21	15.81	18.41	21.01	23.61
7.31	2.86	5.46	8.06	10.66	12	13.26	15.86	18.46	21.06	23.66
8.36	2.91	5.51	8.11	10.71	14	13.31	15.91	18.51	21.11	23.71
9.42	2.96	5.56	8.16	10.76	16	13.36	15.96	18.56	21.16	23.76
10.47	3.02	5.62	8.22	10.82	18	13.42	16.02	18.62	21.22	23.82
11.52	3.07	5.67	8.27	10.87	20	13.47	16.07	18.67	21.27	23.87
12.57	3.12	5.72	8.32	10.92	22	13.52	16.12	18.72	21.32	23.92
13.62	3.17	5.77	8.37	10.97	24	13.57	16.17	18.77	21.37	23.97
14.68	3.22	5.82	8.42	11.02	26	13.62	16.22	18.82	21.42	24.02
15.73	3.28	5.88	8.48	11.08	28	13.68	16.28	18.88	21.48	24.08
16.78	3.33	5.93	8.53	11.13	30	13.73	16.33	18.93	21.53	24.13
17.83	3.38	5.98	8.58	11.18	32	13.78	16.38	18.98	21.58	24.18
18.88	3.43	6.03	8.63	11.23	34	13.83	16.43	19.03	21.63	24.23
19.94	3.48	6.08	8.68	11.28	36	13.88	16.48	19.08	21.68	24.28
20.99	3.54	6.14	8.74	11.34	38	13.94	16.54	19.14	21.74	24.34
22.04	3.59	6.19	8.79	11.39	40	13.99	16.59	19.19	21.79	24.39
23.09	3.64	6.24	8.84	11.44	42	14.04	16.64	19.24	21.84	24.44
24.14	3.69	6.29	8.89	11.49	44	14.09	16.69	19.29	21.89	24.49
25.19	3.74	6.34	8.94	11.54	46	14.14	16.74	19.34	21.94	24.54
26.24	3.80	6.40	9.00	11.60	48	14.20	16.80	19.40	22.00	24.60
27.29	3.85	6.45	9.05	11.65	50	14.25	16.85	19.45	22.05	24.65
28.34	3.90	6.50	9.10	11.70		14.30	16.90	19.50	22.10	24.70

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.35	3.95	6.55	9.15	11.75	52	14.35	16.95	19.55	22.15	24.75
1.40	4.00	6.60	9.20	11.80	54	14.40	17.00	19.60	22.20	24.80
1.46	4.06	6.66	9.26	11.86	56	14.46	17.06	19.66	22.26	24.86
1.51	4.11	6.71	9.31	11.91	58	14.51	17.11	19.71	22.31	24.91
1.56	4.16	6.76	9.36	11.96	60	14.56	17.16	19.76	22.36	24.96
1.61	4.21	6.81	9.41	12.01	62	14.61	17.21	19.81	22.41	25.01
1.66	4.26	6.86	9.46	12.06	64	14.66	17.26	19.86	22.46	25.06
1.72	4.32	6.92	9.52	12.12	66	14.72	17.32	19.92	22.52	25.12
1.77	4.37	6.97	9.57	12.17	68	14.77	17.37	19.97	22.57	25.17
1.82	4.42	7.02	9.62	12.22	70	14.82	17.42	20.02	22.62	25.22
1.87	4.47	7.07	9.67	12.27	72	14.87	17.47	20.07	22.67	25.27
1.92	4.52	7.12	9.72	12.32	74	14.92	17.52	20.12	22.72	25.32
1.98	4.58	7.18	9.78	12.38	76	14.98	17.58	20.18	22.78	25.38
2.03	4.63	7.23	9.83	12.43	78	15.03	17.63	20.23	22.83	25.43
2.08	4.68	7.28	9.88	12.48	80	15.08	17.68	20.28	22.88	25.48
2.13	4.73	7.33	9.93	12.53	82	15.13	17.73	20.33	22.93	25.53
2.18	4.78	7.38	9.98	12.58	84	15.18	17.78	20.38	22.98	25.58
2.24	4.84	7.44	10.04	12.64	86	15.24	17.84	20.44	23.04	25.64
2.29	4.89	7.49	10.09	12.69	88	15.29	17.89	20.49	23.09	25.69
2.34	4.94	7.54	10.14	12.74	90	15.34	17.94	20.54	23.14	25.74
2.39	4.99	7.59	10.19	12.79	92	15.39	17.99	20.59	23.19	25.79
2.44	5.04	7.64	10.24	12.84	94	15.44	18.04	20.64	23.24	25.84
2.50	5.10	7.70	10.30	12.90	96	15.50	18.10	20.70	23.30	25.90
2.55	5.15	7.75	10.35	12.95	98	15.55	18.15	20.75	23.35	25.95

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
26.00	52.00	78.00	104.00		130.00	156.00	182.00	208.00	234.00
260.00	286.00	312.00	338.00	364.00	10	390.00	416.00	442.00	468.00
520.00	546.00	572.00	598.00	624.00	20	650.00	676.00	702.00	728.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.63	5.25	7.88	10.50		13.13	15.75	18.38	21.00	23.63
.05	2.68	5.30	7.93	10.55	2	13.18	15.80	18.43	21.05	23.68
.11	2.73	5.36	7.98	10.61	4	13.23	15.86	18.48	21.11	23.73
.16	2.78	5.41	8.03	10.66	6	13.28	15.91	18.53	21.16	23.78
.21	2.84	5.46	8.09	10.71	8	13.34	15.96	18.59	21.21	23.84
.26	2.89	5.51	8.14	10.76	10	13.39	16.01	18.64	21.26	23.89
.32	2.94	5.57	8.19	10.82	12	13.44	16.07	18.69	21.32	23.94
.37	2.99	5.62	8.24	10.87	14	13.49	16.12	18.74	21.37	23.99
.42	3.05	5.67	8.30	10.92	16	13.55	16.17	18.80	21.42	24.05
.47	3.10	5.72	8.35	10.97	18	13.60	16.22	18.85	21.47	24.10
.53	3.15	5.78	8.40	11.03	20	13.65	16.28	18.90	21.53	24.15
.58	3.20	5.83	8.45	11.08	22	13.70	16.33	18.95	21.58	24.20
.63	3.26	5.88	8.51	11.13	24	13.76	16.38	19.01	21.63	24.26
.68	3.31	5.93	8.56	11.18	26	13.81	16.43	19.06	21.68	24.31
.74	3.36	5.99	8.61	11.24	28	13.86	16.49	19.11	21.74	24.36
.79	3.41	6.04	8.66	11.29	30	13.91	16.54	19.16	21.79	24.41
.84	3.47	6.09	8.72	11.34	32	13.97	16.59	19.22	21.84	24.47
.89	3.52	6.14	8.77	11.39	34	14.02	16.64	19.27	21.89	24.52
.95	3.57	6.20	8.82	11.45	36	14.07	16.70	19.32	21.95	24.57
1.00	3.62	6.25	8.87	11.50	38	14.12	16.75	19.37	22.00	24.62
1.05	3.68	6.30	8.93	11.55	40	14.18	16.80	19.43	22.05	24.68
1.10	3.73	6.35	8.98	11.60	42	14.23	16.85	19.48	22.10	24.73
1.16	3.78	6.41	9.03	11.66	44	14.28	16.91	19.53	22.16	24.78
1.21	3.83	6.46	9.08	11.71	46	14.33	16.96	19.58	22.21	24.83
1.26	3.89	6.51	9.14	11.76	48	14.39	17.01	19.64	22.26	24.89
1.31	3.94	6.56	9.19	11.81	50	14.44	17.06	19.69	22.31	24.94

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.37	3.99	6.62	9.24	11.87	52	14.49	17.12	19.74	22.37	24.99
1.42	4.04	6.67	9.29	11.92	54	14.54	17.17	19.79	22.42	25.04
1.47	4.10	6.72	9.35	11.97	56	14.60	17.22	19.85	22.47	25.10
1.52	4.15	6.77	9.40	12.02	58	14.65	17.27	19.90	22.52	25.15
1.58	4.20	6.83	9.45	12.08	60	14.70	17.33	19.95	22.58	25.20
1.63	4.25	6.88	9.50	12.13	62	14.75	17.38	20.00	22.63	25.25
1.68	4.31	6.93	9.56	12.18	64	14.81	17.43	20.06	22.68	25.31
1.73	4.36	6.98	9.61	12.23	66	14.86	17.48	20.11	22.73	25.36
1.79	4.41	7.04	9.66	12.29	68	14.91	17.54	20.16	22.79	25.41
1.84	4.46	7.09	9.71	12.34	70	14.96	17.59	20.21	22.84	25.46
1.89	4.52	7.14	9.77	12.39	72	15.02	17.64	20.27	22.89	25.52
1.94	4.57	7.19	9.82	12.44	74	15.07	17.69	20.32	22.94	25.57
2.00	4.62	7.25	9.87	12.50	76	15.12	17.75	20.37	23.00	25.62
2.05	4.67	7.30	9.92	12.55	78	15.17	17.80	20.42	23.05	25.67
2.10	4.73	7.35	9.98	12.60	80	15.23	17.85	20.48	23.10	25.73
2.15	4.78	7.40	10.03	12.65	82	15.28	17.90	20.53	23.15	25.78
2.21	4.83	7.46	10.08	12.71	84	15.33	17.96	20.58	23.21	25.83
2.26	4.88	7.51	10.13	12.76	86	15.38	18.01	20.63	23.26	25.88
2.31	4.94	7.56	10.19	12.81	88	15.44	18.06	20.69	23.31	25.94
2.36	4.99	7.61	10.24	12.86	90	15.49	18.11	20.74	23.36	25.99
2.42	5.04	7.67	10.29	12.92	92	15.54	18.17	20.79	23.42	26.04
2.47	5.09	7.72	10.34	12.97	94	15.59	18.22	20.84	23.47	26.09
2.52	5.15	7.77	10.40	13.02	96	15.65	18.27	20.90	23.52	26.15
2.57	5.20	7.82	10.45	13.07	98	15.70	18.32	20.95	23.57	26.20

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
26.25	52.50	78.75	105.00		131.25	157.50	183.75	210.00	236.25
262.50	288.75	315.00	341.25	10	393.75	420.00	446.25	472.50	498.75
525.00	551.25	577.50	603.75	20	656.25	682.50	708.75	735.00	761.25

\$32

\$26

\$27

\$28

\$29

\$30

\$31



\$2.67½ Per 100

\$26.75 Per M.

87

2 to 98	100	200	300	400	feet	500	600	700	800	900
.05	2.68	5.35	8.03	10.70	2	13.38	16.05	18.73	21.40	24.08
.11	2.73	5.40	8.08	10.75	4	13.43	16.10	18.78	21.45	24.13
.16	2.78	5.46	8.13	10.81	6	13.48	16.16	18.83	21.51	24.18
.21	2.84	5.51	8.19	10.86	8	13.54	16.21	18.89	21.56	24.24
.27	2.89	5.56	8.24	10.91	10	13.59	16.26	18.94	21.61	24.29
.32	2.94	5.62	8.29	10.97	12	13.64	16.32	18.99	21.67	24.34
.37	3.00	5.67	8.35	11.02	14	13.70	16.37	19.05	21.72	24.40
.43	3.05	5.72	8.40	11.07	16	13.75	16.42	19.10	21.77	24.45
.48	3.10	5.78	8.45	11.13	18	13.80	16.48	19.15	21.83	24.50
.54	3.16	5.83	8.51	11.18	20	13.86	16.53	19.21	21.88	24.56
.59	3.21	5.89	8.56	11.24	22	13.91	16.59	19.26	21.94	24.61
.64	3.26	5.94	8.61	11.29	24	13.96	16.64	19.31	21.99	24.66
.70	3.32	5.99	8.67	11.34	26	14.02	16.69	19.37	22.04	24.72
.75	3.37	6.05	8.72	11.40	28	14.07	16.75	19.42	22.10	24.77
.80	3.42	6.10	8.77	11.45	30	14.12	16.80	19.47	22.15	24.82
.86	3.48	6.15	8.83	11.50	32	14.18	16.85	19.53	22.20	24.88
.91	3.53	6.21	8.88	11.56	34	14.23	16.91	19.58	22.26	24.93
.96	3.58	6.26	8.93	11.61	36	14.28	16.96	19.63	22.31	24.98
1.02	3.64	6.31	8.99	11.66	38	14.34	17.01	19.69	22.36	25.04
1.07	3.69	6.37	9.04	11.72	40	14.39	17.07	19.74	22.42	25.09
1.12	3.75	6.42	9.10	11.77	42	14.45	17.12	19.80	22.47	25.15
1.18	3.80	6.47	9.15	11.82	44	14.50	17.17	19.85	22.52	25.20
1.23	3.85	6.53	9.20	11.88	46	14.55	17.23	19.90	22.58	25.25
1.28	3.91	6.58	9.26	11.93	48	14.61	17.28	19.96	22.63	25.31
1.34	3.96	6.63	9.31	11.98	50	14.66	17.33	20.01	22.68	25.36
	4.01	6.69	9.36	12.04		14.71	17.39	20.06	22.74	25.41

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.39	4.07	6.74	9.42	12.09	52	14.77	17.44	20.12	22.79	25.47
1.44	4.12	6.79	9.47	12.14	54	14.82	17.49	20.17	22.84	25.52
1.50	4.17	6.85	9.52	12.20	56	14.87	17.55	20.22	22.90	25.57
1.55	4.23	6.90	9.58	12.25	58	14.93	17.60	20.28	22.95	25.63
1.61	4.28	6.96	9.63	12.31	60	14.98	17.66	20.33	23.01	25.68
1.66	4.33	7.01	9.68	12.36	62	15.03	17.71	20.38	23.06	25.73
1.71	4.39	7.06	9.74	12.41	64	15.09	17.76	20.44	23.11	25.79
1.77	4.44	7.12	9.79	12.47	66	15.14	17.82	20.49	23.17	25.84
1.82	4.49	7.17	9.84	12.52	68	15.19	17.87	20.54	23.22	25.89
1.87	4.55	7.22	9.90	12.57	70	15.25	17.92	20.60	23.27	25.95
1.93	4.60	7.28	9.95	12.63	72	15.30	17.98	20.65	23.33	26.00
1.98	4.65	7.33	10.00	12.68	74	15.35	18.03	20.70	23.38	26.05
2.03	4.71	7.38	10.06	12.73	76	15.41	18.08	20.76	23.43	26.11
2.09	4.76	7.44	10.11	12.79	78	15.46	18.14	20.81	23.49	26.16
2.14	4.82	7.49	10.17	12.84	80	15.52	18.19	20.87	23.54	26.22
2.19	4.87	7.54	10.22	12.89	82	15.57	18.24	20.92	23.59	26.27
2.25	4.92	7.60	10.27	12.95	84	15.62	18.30	20.97	23.65	26.32
2.30	4.98	7.65	10.33	13.00	86	15.68	18.35	21.03	23.70	26.38
2.35	5.03	7.70	10.38	13.05	88	15.73	18.40	21.08	23.75	26.43
2.41	5.08	7.76	10.43	13.11	90	15.78	18.46	21.13	23.81	26.48
2.46	5.14	7.81	10.49	13.16	92	15.84	18.51	21.19	23.86	26.54
2.51	5.19	7.86	10.54	13.21	94	15.89	18.56	21.24	23.91	26.59
2.57	5.24	7.92	10.59	13.27	96	15.94	18.62	21.29	23.97	26.64
2.62	5.30	7.97	10.65	13.32	98	16.00	18.67	21.35	24.02	26.70

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
26.75	53.50	80.25	107.00		133.75	160.50	187.25	214.00	240.75
267.50	294.25	321.00	347.75	10	401.25	428.00	454.75	481.50	508.25
535.00	561.75	588.50	615.25	20	668.75	695.50	722.25	749.00	775.75

\$32

\$27

\$28

\$29

\$30

\$31

2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.70	5.40	8.10	10.80		13.50	16.20	18.90	21.60	24.30
.05	2.75	5.45	8.15	10.85	2	13.55	16.25	18.95	21.65	24.35
.11	2.81	5.51	8.21	10.91	4	13.61	16.31	19.01	21.71	24.41
.16	2.86	5.56	8.26	10.96	6	13.66	16.36	19.06	21.76	24.46
.22	2.92	5.62	8.32	11.02	8	13.72	16.42	19.12	21.82	24.52
.27	2.97	5.67	8.37	11.07	10	13.77	16.47	19.17	21.87	24.57
.32	3.02	5.72	8.42	11.12	12	13.82	16.52	19.22	21.92	24.62
.38	3.08	5.78	8.48	11.18	14	13.88	16.58	19.28	21.98	24.68
.43	3.13	5.83	8.53	11.23	16	13.93	16.63	19.33	22.03	24.73
.49	3.19	5.89	8.59	11.29	18	13.99	16.69	19.39	22.09	24.79
.54	3.24	5.94	8.64	11.34	20	14.04	16.74	19.44	22.14	24.84
.59	3.29	5.99	8.69	11.39	22	14.09	16.79	19.49	22.19	24.89
.65	3.35	6.05	8.75	11.45	24	14.15	16.85	19.55	22.25	24.95
.70	3.40	6.10	8.80	11.50	26	14.20	16.90	19.60	22.30	25.00
.76	3.46	6.16	8.86	11.56	28	14.26	16.96	19.66	22.36	25.06
.81	3.51	6.21	8.91	11.61	30	14.31	17.01	19.71	22.41	25.11
.86	3.56	6.26	8.96	11.66	32	14.36	17.06	19.76	22.46	25.16
.92	3.62	6.32	9.02	11.72	34	14.42	17.12	19.82	22.52	25.22
.97	3.67	6.37	9.07	11.77	36	14.47	17.17	19.87	22.57	25.27
1.03	3.73	6.43	9.13	11.83	38	14.53	17.23	19.93	22.63	25.33
1.08	3.78	6.48	9.18	11.88	40	14.58	17.28	19.98	22.68	25.38
1.13	3.83	6.53	9.23	11.93	42	14.63	17.33	20.03	22.73	25.43
1.19	3.89	6.59	9.29	11.99	44	14.69	17.39	20.09	22.79	25.49
1.24	3.94	6.64	9.34	12.04	46	14.74	17.44	20.14	22.84	25.54
1.30	4.00	6.70	9.40	12.10	48	14.80	17.50	20.20	22.90	25.60
1.35	4.05	6.75	9.45	12.15	50	14.85	17.55	20.25	22.95	25.65

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.40	4.10	6.80	9.50	12.20	52	14.90	17.60	20.30	23.00	25.70
1.46	4.16	6.86	9.56	12.26	54	14.96	17.66	20.36	23.06	25.76
1.51	4.21	6.91	9.61	12.31	56	15.01	17.71	20.41	23.11	25.81
1.57	4.27	6.97	9.67	12.37	58	15.07	17.77	20.47	23.17	25.87
1.62	4.32	7.02	9.72	12.42	60	15.12	17.82	20.52	23.22	25.92
1.67	4.37	7.07	9.77	12.47	62	15.17	17.87	20.57	23.27	25.97
1.73	4.43	7.13	9.83	12.53	64	15.23	17.93	20.63	23.33	26.03
1.78	4.48	7.18	9.88	12.58	66	15.28	17.98	20.68	23.38	26.08
1.84	4.54	7.24	9.94	12.64	68	15.34	18.04	20.74	23.44	26.14
1.89	4.59	7.29	9.99	12.69	70	15.39	18.09	20.79	23.49	26.19
1.94	4.64	7.34	10.04	12.74	72	15.44	18.14	20.84	23.54	26.24
2.00	4.70	7.40	10.10	12.80	74	15.50	18.20	20.90	23.60	26.30
2.05	4.75	7.45	10.15	12.85	76	15.55	18.25	20.95	23.65	26.35
2.11	4.81	7.51	10.21	12.91	78	15.61	18.31	21.01	23.71	26.41
2.16	4.86	7.56	10.26	12.96	80	15.66	18.36	21.06	23.76	26.46
2.21	4.91	7.61	10.31	13.01	82	15.71	18.41	21.11	23.81	26.51
2.27	4.97	7.67	10.37	13.07	84	15.77	18.47	21.17	23.87	26.57
2.32	5.02	7.72	10.42	13.12	86	15.82	18.52	21.22	23.92	26.62
2.38	5.08	7.78	10.48	13.18	88	15.88	18.58	21.28	23.98	26.68
2.43	5.13	7.83	10.53	13.23	90	15.93	18.63	21.33	24.03	26.73
2.48	5.18	7.88	10.58	13.28	92	15.98	18.68	21.38	24.08	26.78
2.54	5.24	7.94	10.64	13.34	94	16.04	18.74	21.44	24.14	26.84
2.59	5.29	7.99	10.69	13.39	96	16.09	18.79	21.49	24.19	26.89
2.65	5.35	8.05	10.75	13.45	98	16.15	18.85	21.55	24.25	26.95

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
27.00	54.00	81.00	108.00		135.00	162.00	189.00	216.00	243.00
270.00	297.00	324.00	351.00	10	405.00	432.00	459.00	486.00	513.00
540.00	567.00	594.00	621.00	20	675.00	702.00	729.00	756.00	783.00



\$2.72½ Per 100.

\$27.25 Per M.

89

2 to 98	100	200	300	400 feet	500	600	700	800	900
.05	2.73	5.45	8.18	10.90	13.63	16.35	19.08	21.80	24.53
.11	2.78	5.50	8.23	10.95	13.68	16.40	19.13	21.85	24.58
.16	2.83	5.56	8.28	11.01	13.73	16.46	19.18	21.91	24.63
.22	2.89	5.61	8.34	11.06	13.79	16.51	19.24	21.96	24.69
.27	2.94	5.67	8.39	11.12	13.84	16.57	19.29	22.02	24.74
.33	3.00	5.72	8.45	11.17	13.90	16.62	19.35	22.07	24.80
.38	3.05	5.78	8.50	11.23	13.95	16.68	19.40	22.13	24.85
.44	3.11	5.83	8.56	11.28	14.01	16.73	19.46	22.18	24.91
.49	3.16	5.89	8.61	11.34	14.06	16.79	19.51	22.24	24.96
.55	3.22	5.94	8.67	11.39	14.12	16.84	19.57	22.29	25.02
.60	3.27	6.00	8.72	11.45	14.17	16.90	19.62	22.35	25.07
.65	3.32	6.05	8.77	11.50	14.22	16.95	19.67	22.40	25.12
.71	3.38	6.10	8.83	11.55	14.28	17.00	19.73	22.45	25.18
.76	3.43	6.16	8.88	11.61	14.33	17.06	19.78	22.51	25.23
.82	3.49	6.21	8.94	11.66	14.39	17.11	19.84	22.56	25.29
.87	3.54	6.27	8.99	11.72	14.44	17.17	19.89	22.62	25.34
.93	3.60	6.32	9.05	11.77	14.50	17.22	19.95	22.67	25.40
.98	3.65	6.38	9.10	11.83	14.55	17.28	20.00	22.73	25.45
1.04	3.71	6.43	9.16	11.88	14.61	17.33	20.06	22.78	25.51
1.09	3.76	6.49	9.21	11.94	14.66	17.39	20.11	22.84	25.56
1.14	3.82	6.54	9.27	11.99	14.72	17.44	20.17	22.89	25.62
1.20	3.87	6.59	9.32	12.04	14.77	17.49	20.22	22.94	25.67
1.25	3.92	6.65	9.37	12.10	14.82	17.55	20.27	23.00	25.72
1.31	3.98	6.70	9.43	12.15	14.88	17.60	20.33	23.05	25.78
1.36	4.03	6.76	9.48	12.21	14.93	17.66	20.38	23.11	25.83
1.42	4.09	6.81	9.54	12.26	14.99	17.71	20.44	23.16	25.89

2 to 98	100	200	300	400 feet	500	600	700	800	900
1.42	4.14	6.87	9.59	12.32	15.04	17.77	20.49	23.22	25.94
1.47	4.20	6.92	9.65	12.37	15.10	17.82	20.55	23.27	26.00
1.53	4.25	6.98	9.70	12.43	15.15	17.88	20.60	23.33	26.05
1.58	4.31	7.03	9.76	12.48	15.21	17.93	20.66	23.38	26.11
1.64	4.36	7.09	9.81	12.54	15.26	17.99	20.71	23.44	26.16
1.69	4.41	7.14	9.86	12.59	15.31	18.04	20.76	23.49	26.21
1.74	4.47	7.19	9.92	12.64	15.37	18.09	20.82	23.54	26.27
1.80	4.52	7.25	9.97	12.70	15.42	18.15	20.87	23.60	26.32
1.85	4.58	7.30	10.03	12.75	15.48	18.20	20.93	23.65	26.38
1.91	4.63	7.36	10.08	12.81	15.53	18.26	20.98	23.71	26.43
1.96	4.69	7.41	10.14	12.86	15.59	18.31	21.04	23.76	26.49
2.02	4.74	7.47	10.19	12.92	15.64	18.37	21.09	23.82	26.54
2.07	4.80	7.52	10.25	12.97	15.70	18.42	21.15	23.87	26.60
2.13	4.85	7.58	10.30	13.03	15.75	18.48	21.20	23.93	26.65
2.18	4.91	7.63	10.36	13.08	15.81	18.53	21.26	23.98	26.71
2.23	4.96	7.68	10.41	13.13	15.86	18.58	21.31	24.03	26.76
2.29	5.01	7.74	10.46	13.19	15.91	18.64	21.36	24.09	26.81
2.34	5.07	7.79	10.52	13.24	15.97	18.69	21.42	24.14	26.87
2.40	5.12	7.85	10.57	13.30	16.02	18.75	21.47	24.20	26.92
2.45	5.18	7.90	10.63	13.35	16.08	18.80	21.53	24.25	26.98
2.51	5.23	7.96	10.68	13.41	16.13	18.86	21.58	24.31	27.03
2.56	5.29	8.01	10.74	13.46	16.19	18.91	21.64	24.36	27.09
2.62	5.34	8.07	10.79	13.52	16.24	18.97	21.69	24.42	27.14
2.67	5.40	8.12	10.85	13.57	16.30	19.02	21.75	24.47	27.20

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
27.25	54.50	81.75	109.00		136.25	163.50	190.75	218.00	245.25
272.50	299.75	327.00	354.25	10	408.75	436.00	463.25	490.50	517.75
545.00	572.25	599.50	626.75	20	681.25	708.50	735.75	763.00	790.25

\$32

\$27

\$28

\$29

\$30

\$31

2 to 98	100	200	300	400 feet	500	600	700	800	900	
.06	2.75	5.50	8.25	11.00	2	13.75	16.50	19.25	22.00	24.75
.11	2.81	5.56	8.31	11.06	4	13.81	16.56	19.31	22.06	24.81
.17	2.86	5.61	8.36	11.11	6	13.86	16.61	19.36	22.11	24.86
.22	2.92	5.67	8.42	11.17	8	13.92	16.67	19.42	22.17	24.92
.28	2.97	5.72	8.47	11.22	10	13.97	16.72	19.47	22.22	24.97
.33	3.03	5.78	8.53	11.28	12	14.03	16.78	19.53	22.28	25.03
.39	3.08	5.83	8.58	11.33	14	14.08	16.83	19.58	22.33	25.08
.44	3.14	5.89	8.64	11.39	16	14.14	16.89	19.64	22.39	25.14
.50	3.19	5.94	8.69	11.44	18	14.19	16.94	19.69	22.44	25.19
.55	3.25	6.00	8.75	11.50	20	14.25	17.00	19.75	22.50	25.25
.61	3.30	6.05	8.80	11.55	22	14.30	17.05	19.80	22.55	25.30
.66	3.36	6.11	8.86	11.61	24	14.36	17.11	19.86	22.61	25.36
.72	3.41	6.16	8.91	11.66	26	14.41	17.16	19.91	22.66	25.41
.77	3.47	6.22	8.97	11.72	28	14.47	17.22	19.97	22.72	25.47
.83	3.52	6.27	9.02	11.77	30	14.52	17.27	20.02	22.77	25.52
.88	3.58	6.33	9.08	11.83	32	14.58	17.33	20.08	22.83	25.58
.94	3.63	6.38	9.13	11.88	34	14.63	17.38	20.13	22.88	25.63
.99	3.69	6.44	9.19	11.94	36	14.69	17.44	20.19	22.94	25.69
1.05	3.74	6.49	9.24	11.99	38	14.74	17.49	20.24	22.99	25.74
1.10	3.80	6.55	9.30	12.05	40	14.80	17.55	20.30	23.05	25.80
1.16	3.85	6.60	9.35	12.10	42	14.85	17.60	20.35	23.10	25.85
1.21	3.91	6.66	9.41	12.16	44	14.91	17.66	20.41	23.16	25.91
1.27	3.96	6.71	9.46	12.21	46	14.96	17.71	20.46	23.21	25.96
1.32	4.02	6.77	9.52	12.27	48	15.02	17.77	20.52	23.27	26.02
1.38	4.07	6.82	9.57	12.32	50	15.07	17.82	20.57	23.32	26.07
1.43	4.13	6.88	9.63	12.38		15.13	17.88	20.63	23.38	26.13

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.43	4.18	6.93	9.68	12.43	52	15.18	17.93	20.68	23.43	26.18
1.49	4.24	6.99	9.74	12.49	54	15.24	17.99	20.74	23.49	26.24
1.54	4.29	7.04	9.79	12.54	56	15.29	18.04	20.79	23.54	26.29
1.60	4.35	7.10	9.85	12.60	58	15.35	18.10	20.85	23.60	26.35
1.65	4.40	7.15	9.90	12.65	60	15.40	18.15	20.90	23.65	26.40
1.71	4.46	7.21	9.96	12.71	62	15.46	18.21	20.96	23.71	26.46
1.76	4.51	7.26	10.01	12.76	64	15.51	18.26	21.01	23.76	26.51
1.82	4.57	7.32	10.07	12.82	66	15.57	18.32	21.07	23.82	26.57
1.87	4.62	7.37	10.12	12.87	68	15.62	18.37	21.12	23.87	26.62
1.93	4.68	7.43	10.18	12.93	70	15.68	18.43	21.18	23.93	26.68
1.98	4.73	7.48	10.23	12.98	72	15.73	18.48	21.23	23.98	26.73
2.04	4.79	7.54	10.29	13.04	74	15.79	18.54	21.29	24.04	26.79
2.09	4.84	7.59	10.34	13.09	76	15.84	18.59	21.34	24.09	26.84
2.15	4.90	7.65	10.40	13.15	78	15.90	18.65	21.40	24.15	26.90
2.20	4.95	7.70	10.45	13.20	80	15.95	18.70	21.45	24.20	26.95
2.26	5.01	7.76	10.51	13.26	82	16.01	18.76	21.51	24.26	27.01
2.31	5.06	7.81	10.56	13.31	84	16.06	18.81	21.56	24.31	27.06
2.37	5.12	7.87	10.62	13.37	86	16.12	18.87	21.62	24.37	27.12
2.42	5.17	7.92	10.67	13.42	88	16.17	18.92	21.67	24.42	27.17
2.48	5.23	7.98	10.73	13.48	90	16.23	18.98	21.73	24.48	27.23
2.53	5.28	8.03	10.78	13.53	92	16.28	19.03	21.78	24.53	27.28
2.59	5.34	8.09	10.84	13.59	94	16.34	19.09	21.84	24.59	27.34
2.64	5.39	8.14	10.89	13.64	96	16.39	19.14	21.89	24.64	27.39
2.70	5.45	8.20	10.95	13.70	98	16.45	19.20	21.95	24.70	27.45

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
27.50	55.00	82.50	110.00		137.50	165.00	192.50	220.00	247.50
275.00	302.50	330.00	357.50	10	412.50	440.00	467.50	495.00	522.50
550.00	577.50	605.00	632.50	20	687.50	715.00	742.50	770.00	797.50



\$2.77½ Per 100

\$27.75 Per M.

91

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	2.78	5.55	8.33	11.10	1	13.88	16.65	19.43	22.20	24.98
.11	2.83	5.61	8.38	11.16	2	13.93	16.71	19.48	22.26	25.03
.17	2.89	5.66	8.44	11.21	4	13.99	16.76	19.54	22.31	25.09
.22	2.94	5.72	8.49	11.27	6	14.04	16.82	19.59	22.37	25.14
.28	3.00	5.77	8.55	11.32	8	14.10	16.87	19.65	22.42	25.20
.33	3.05	5.83	8.60	11.38	10	14.15	16.93	19.70	22.48	25.25
.39	3.11	5.88	8.66	11.43	12	14.21	16.98	19.76	22.53	25.31
.44	3.16	5.94	8.71	11.49	14	14.26	17.04	19.81	22.59	25.36
.50	3.22	5.99	8.77	11.54	16	14.32	17.09	19.87	22.64	25.42
.56	3.27	6.05	8.82	11.60	18	14.37	17.15	19.92	22.70	25.47
.61	3.33	6.11	8.88	11.66	20	14.43	17.21	19.98	22.76	25.53
.67	3.39	6.16	8.94	11.71	22	14.49	17.26	20.04	22.81	25.59
.72	3.44	6.22	8.99	11.77	24	14.54	17.32	20.09	22.87	25.64
.78	3.50	6.27	9.05	11.82	26	14.60	17.37	20.15	22.92	25.70
.83	3.55	6.33	9.10	11.88	28	14.65	17.43	20.20	22.98	25.75
.89	3.61	6.38	9.16	11.93	30	14.71	17.48	20.26	23.03	25.81
.94	3.66	6.44	9.21	11.99	32	14.76	17.54	20.31	23.09	25.86
1.00	3.72	6.49	9.27	12.04	34	14.82	17.59	20.37	23.14	25.92
1.05	3.77	6.55	9.32	12.10	36	14.87	17.65	20.42	23.20	25.97
1.11	3.83	6.60	9.38	12.15	38	14.93	17.70	20.48	23.25	26.03
1.17	3.89	6.66	9.44	12.21	40	14.99	17.76	20.54	23.31	26.09
1.22	3.94	6.72	9.49	12.27	42	15.04	17.82	20.59	23.37	26.14
1.28	4.00	6.77	9.55	12.32	44	15.10	17.87	20.65	23.42	26.20
1.33	4.05	6.83	9.60	12.38	46	15.15	17.93	20.70	23.48	26.25
1.39	4.11	6.88	9.66	12.43	48	15.21	17.98	20.76	23.53	26.31
1.44	4.16	6.94	9.71	12.49	50	15.26	18.04	20.81	23.59	26.36

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.44	4.22	6.99	9.77	12.54	52	15.32	18.09	20.87	23.64	26.42
1.50	4.27	7.05	9.82	12.60	54	15.37	18.15	20.92	23.70	26.47
1.55	4.33	7.10	9.88	12.65	56	15.43	18.20	20.98	23.75	26.53
1.61	4.38	7.16	9.93	12.71	58	15.48	18.26	21.03	23.81	26.58
1.67	4.44	7.22	9.99	12.77	60	15.54	18.32	21.09	23.87	26.64
1.72	4.50	7.27	10.05	12.82	62	15.60	18.37	21.15	23.92	26.70
1.78	4.55	7.33	10.10	12.88	64	15.65	18.43	21.20	23.98	26.75
1.83	4.61	7.38	10.16	12.93	66	15.71	18.48	21.26	24.03	26.81
1.89	4.66	7.44	10.21	12.99	68	15.76	18.54	21.31	24.09	26.86
1.94	4.72	7.49	10.27	13.04	70	15.82	18.59	21.37	24.14	26.92
2.00	4.77	7.55	10.32	13.10	72	15.87	18.65	21.42	24.20	26.97
2.05	4.83	7.60	10.38	13.15	74	15.93	18.70	21.48	24.25	27.03
2.11	4.88	7.66	10.43	13.21	76	15.98	18.76	21.53	24.31	27.08
2.16	4.94	7.71	10.49	13.26	78	16.04	18.81	21.59	24.36	27.14
2.22	5.00	7.77	10.55	13.32	80	16.10	18.87	21.65	24.42	27.20
2.28	5.05	7.83	10.60	13.38	82	16.15	18.93	21.70	24.48	27.25
2.33	5.11	7.88	10.66	13.43	84	16.21	18.98	21.76	24.53	27.31
2.39	5.16	7.94	10.71	13.49	86	16.26	19.04	21.81	24.59	27.36
2.44	5.22	7.99	10.77	13.54	88	16.32	19.09	21.87	24.64	27.42
2.50	5.27	8.05	10.82	13.60	90	16.37	19.15	21.92	24.70	27.47
2.55	5.33	8.10	10.88	13.65	92	16.43	19.20	21.98	24.75	27.53
2.61	5.38	8.16	10.93	13.71	94	16.48	19.26	22.03	24.81	27.58
2.66	5.44	8.21	10.99	13.76	96	16.54	19.31	22.09	24.86	27.64
2.72	5.49	8.27	11.04	13.82	98	16.59	19.37	22.14	24.92	27.69

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
27.75	55.50	83.25	111.00	10	138.75	166.50	194.25	222.00	249.75
277.50	305.25	333.00	360.75	10	416.25	444.00	471.75	499.50	527.25
555.00	582.75	610.50	638.25	20	693.75	721.50	749.25	777.00	804.75

\$32

\$28

\$29

\$30

\$31

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	2.80	5.60	8.40	11.20	2	14.00	16.80	19.60	22.40	25.20
.11	2.86	5.66	8.46	11.26	2	14.06	16.86	19.66	22.46	25.26
.17	2.91	5.71	8.51	11.31	4	14.11	16.91	19.71	22.51	25.31
.22	2.97	5.77	8.57	11.37	6	14.17	16.97	19.77	22.57	25.37
.28	3.02	5.82	8.62	11.42	8	14.22	17.02	19.82	22.62	25.42
.34	3.08	5.88	8.68	11.48	10	14.28	17.08	19.88	22.68	25.48
.39	3.14	5.94	8.74	11.54	12	14.34	17.14	19.94	22.74	25.54
.45	3.19	5.99	8.79	11.59	14	14.39	17.19	19.99	22.79	25.59
.50	3.25	6.05	8.85	11.65	16	14.45	17.25	20.05	22.85	25.65
.56	3.30	6.10	8.90	11.70	18	14.50	17.30	20.10	22.90	25.70
.62	3.36	6.16	8.96	11.76	20	14.56	17.36	20.16	22.96	25.76
.67	3.42	6.22	9.02	11.82	22	14.62	17.42	20.22	23.02	25.82
.73	3.47	6.27	9.07	11.87	24	14.67	17.47	20.27	23.07	25.87
.78	3.53	6.33	9.13	11.93	26	14.73	17.53	20.33	23.13	25.93
.84	3.58	6.38	9.18	11.98	28	14.78	17.58	20.38	23.18	25.98
.90	3.64	6.44	9.24	12.04	30	14.84	17.64	20.44	23.24	26.04
.95	3.70	6.50	9.30	12.10	32	14.90	17.70	20.50	23.30	26.10
1.01	3.75	6.55	9.35	12.15	34	14.95	17.75	20.55	23.35	26.15
1.06	3.81	6.61	9.41	12.21	36	15.01	17.81	20.61	23.41	26.21
1.12	3.86	6.66	9.46	12.26	38	15.06	17.86	20.66	23.46	26.26
1.18	3.92	6.72	9.52	12.32	40	15.12	17.92	20.72	23.52	26.32
1.23	3.98	6.78	9.58	12.38	42	15.18	17.98	20.78	23.58	26.38
1.29	4.03	6.83	9.63	12.43	44	15.23	18.03	20.83	23.63	26.43
1.34	4.09	6.89	9.69	12.49	46	15.29	18.09	20.89	23.69	26.49
1.40	4.14	6.94	9.74	12.54	48	15.34	18.14	20.94	23.74	26.54
1.46	4.20	7.00	9.80	12.60	50	15.40	18.20	21.00	23.80	26.60

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.46	4.26	7.06	9.86	12.66	52	15.46	18.26	21.06	23.86	26.66
1.51	4.31	7.11	9.91	12.71	54	15.51	18.31	21.11	23.91	26.71
1.57	4.37	7.17	9.97	12.77	56	15.57	18.37	21.17	23.97	26.77
1.62	4.42	7.22	10.02	12.82	58	15.62	18.42	21.22	24.02	26.82
1.68	4.48	7.28	10.08	12.88	60	15.68	18.48	21.28	24.08	26.88
1.74	4.54	7.34	10.14	12.94	62	15.74	18.54	21.34	24.14	26.94
1.79	4.59	7.39	10.19	12.99	64	15.79	18.59	21.39	24.19	26.99
1.85	4.65	7.45	10.25	13.05	66	15.85	18.65	21.45	24.25	27.05
1.90	4.70	7.50	10.30	13.10	68	15.90	18.70	21.50	24.30	27.10
1.96	4.76	7.56	10.36	13.16	70	15.96	18.76	21.56	24.36	27.16
2.02	4.82	7.62	10.42	13.22	72	16.02	18.82	21.62	24.42	27.22
2.07	4.87	7.67	10.47	13.27	74	16.07	18.87	21.67	24.47	27.27
2.13	4.93	7.73	10.53	13.33	76	16.13	18.93	21.73	24.53	27.33
2.18	4.98	7.78	10.58	13.38	78	16.18	18.98	21.78	24.58	27.38
2.24	5.04	7.84	10.64	13.44	80	16.24	19.04	21.84	24.64	27.44
2.30	5.10	7.90	10.70	13.50	82	16.30	19.10	21.90	24.70	27.50
2.35	5.15	7.95	10.75	13.55	84	16.35	19.15	21.95	24.75	27.55
2.41	5.21	8.01	10.81	13.61	86	16.41	19.21	22.01	24.81	27.61
2.46	5.26	8.06	10.86	13.66	88	16.46	19.26	22.06	24.86	27.66
2.52	5.32	8.12	10.92	13.72	90	16.52	19.32	22.12	24.92	27.72
2.58	5.38	8.18	10.98	13.78	92	16.58	19.38	22.18	24.98	27.78
2.63	5.43	8.23	11.03	13.83	94	16.63	19.43	22.23	25.03	27.83
2.69	5.49	8.29	11.09	13.89	96	16.69	19.49	22.29	25.09	27.89
2.74	5.54	8.34	11.14	13.94	98	16.74	19.54	22.34	25.14	27.94

## Above 1M.

1	2	3	4	M	5	6	7	8	9
M FEET					M FEET				
AMOUNT					AMOUNT				
28.00	56.00	84.00	112.00	10	140.00	168.00	196.00	224.00	252.00
308.00	336.00	364.00	392.00	10	420.00	448.00	476.00	504.00	532.00
560.00	588.00	616.00	644.00	20	700.00	728.00	756.00	784.00	812.00



2 to 98	100	200	300	400	feet	500	600	700	800	900
.283	5.65	8.48	11.30			14.13	16.95	19.78	22.60	25.43
.06	2.88	5.71	8.53	11.36	2	14.18	17.01	19.83	22.66	25.48
.11	2.94	5.76	8.59	11.41	4	14.24	17.06	19.89	22.71	25.54
.17	2.99	5.82	8.64	11.47	6	14.29	17.12	19.94	22.77	25.59
.23	3.05	5.88	8.70	11.53	8	14.35	17.18	20.00	22.83	25.65
.28	3.11	5.93	8.76	11.58	10	14.41	17.23	20.06	22.88	25.71
.34	3.16	5.99	8.81	11.64	12	14.46	17.29	20.11	22.94	25.76
.40	3.22	6.05	8.87	11.70	14	14.52	17.35	20.17	23.00	25.82
.45	3.28	6.10	8.93	11.75	16	14.58	17.40	20.23	23.05	25.88
.51	3.33	6.16	8.98	11.81	18	14.63	17.46	20.28	23.11	25.93
.57	3.39	6.22	9.04	11.87	20	14.69	17.52	20.34	23.17	25.99
.62	3.45	6.27	9.10	11.92	22	14.75	17.57	20.40	23.22	26.05
.68	3.50	6.33	9.15	11.98	24	14.80	17.63	20.45	23.28	26.10
.73	3.56	6.38	9.21	12.03	26	14.86	17.68	20.51	23.33	26.16
.79	3.62	6.44	9.27	12.09	28	14.92	17.74	20.57	23.39	26.22
.85	3.67	6.50	9.32	12.15	30	14.97	17.80	20.62	23.45	26.27
.90	3.73	6.55	9.38	12.20	32	15.03	17.85	20.68	23.50	26.33
.96	3.79	6.61	9.44	12.26	34	15.09	17.91	20.74	23.56	26.39
1.02	3.84	6.67	9.49	12.32	36	15.14	17.97	20.79	23.62	26.44
1.07	3.90	6.72	9.55	12.37	38	15.20	18.02	20.85	23.67	26.50
1.13	3.96	6.78	9.61	12.43	40	15.26	18.08	20.91	23.73	26.56
1.19	4.01	6.84	9.66	12.49	42	15.31	18.14	20.96	23.79	26.61
1.24	4.07	6.89	9.72	12.54	44	15.37	18.19	21.02	23.84	26.67
1.30	4.12	6.95	9.77	12.60	46	15.42	18.25	21.07	23.90	26.72
1.36	4.18	7.01	9.83	12.66	48	15.48	18.31	21.13	23.96	26.78
1.41	4.24	7.06	9.89	12.71	50	15.54	18.36	21.19	24.01	26.84

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.47	4.29	7.12	9.94	12.77	52	15.59	18.42	21.24	24.07	26.89
1.53	4.35	7.18	10.00	12.83	54	15.65	18.48	21.30	24.13	26.95
1.58	4.41	7.23	10.06	12.88	56	15.71	18.53	21.36	24.18	27.01
1.64	4.46	7.29	10.11	12.94	58	15.76	18.59	21.41	24.24	27.06
1.70	4.52	7.35	10.17	13.00	60	15.82	18.65	21.47	24.30	27.12
1.75	4.58	7.40	10.23	13.05	62	15.88	18.70	21.53	24.35	27.18
1.81	4.63	7.46	10.28	13.11	64	15.93	18.76	21.58	24.41	27.23
1.86	4.69	7.51	10.34	13.16	66	15.99	18.81	21.64	24.46	27.29
1.92	4.75	7.57	10.40	13.22	68	16.05	18.87	21.70	24.52	27.35
1.98	4.80	7.63	10.45	13.28	70	16.10	18.93	21.75	24.58	27.40
2.03	4.86	7.68	10.51	13.33	72	16.16	18.98	21.81	24.63	27.46
2.09	4.92	7.74	10.57	13.39	74	16.22	19.04	21.87	24.69	27.52
2.15	4.97	7.80	10.62	13.45	76	16.27	19.10	21.92	24.75	27.57
2.20	5.03	7.85	10.68	13.50	78	16.33	19.15	21.98	24.80	27.63
2.26	5.09	7.91	10.74	13.56	80	16.39	19.21	22.04	24.86	27.69
2.32	5.14	7.97	10.79	13.62	82	16.44	19.27	22.09	24.92	27.74
2.37	5.20	8.02	10.85	13.67	84	16.50	19.32	22.15	24.97	27.80
2.43	5.25	8.08	10.90	13.73	86	16.55	19.38	22.20	25.03	27.85
2.49	5.31	8.14	10.96	13.79	88	16.61	19.44	22.26	25.09	27.91
2.54	5.37	8.19	11.02	13.84	90	16.67	19.49	22.32	25.14	27.97
2.60	5.42	8.25	11.07	13.90	92	16.72	19.55	22.37	25.20	28.02
2.66	5.48	8.31	11.13	13.96	94	16.78	19.61	22.43	25.26	28.08
2.71	5.54	8.36	11.19	14.01	96	16.84	19.66	22.49	25.31	28.14
2.77	5.59	8.42	11.24	14.07	98	16.89	19.72	22.54	25.37	28.19

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
28.25	56.50	84.75	113.00		141.25	169.50	197.75	226.00	254.25
282.50	310.75	339.00	367.25	395.50	10	423.75	452.00	480.25	508.50
565.00	593.25	621.50	649.75	678.00	20	706.25	734.50	762.75	791.00
									819.25

\$32

\$28

\$29

\$30

\$31

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	2.85	5.70	8.55	11.40		14.25	17.10	19.95	22.80	25.65
.11	2.91	5.76	8.61	11.46	2	14.31	17.16	20.01	22.86	25.71
.17	2.96	5.81	8.66	11.51	4	14.36	17.21	20.06	22.91	25.76
.23	3.02	5.87	8.72	11.57	6	14.42	17.27	20.12	22.97	25.82
.29	3.08	5.93	8.78	11.63	8	14.48	17.33	20.18	23.03	25.88
.34	3.14	5.99	8.84	11.69	10	14.54	17.39	20.24	23.09	25.94
.40	3.19	6.04	8.89	11.74	12	14.59	17.44	20.29	23.14	25.99
.46	3.25	6.10	8.95	11.80	14	14.65	17.50	20.35	23.20	26.05
.51	3.31	6.16	9.01	11.86	16	14.71	17.56	20.41	23.26	26.11
.57	3.36	6.21	9.06	11.91	18	14.76	17.61	20.46	23.31	26.16
.63	3.42	6.27	9.12	11.97	20	14.82	17.67	20.52	23.37	26.22
.68	3.48	6.33	9.18	12.03	22	14.88	17.73	20.58	23.43	26.28
.74	3.53	6.38	9.23	12.08	24	14.93	17.78	20.63	23.48	26.33
.80	3.59	6.44	9.29	12.14	26	14.99	17.84	20.69	23.54	26.39
.86	3.65	6.50	9.35	12.20	28	15.05	17.90	20.75	23.60	26.45
.91	3.71	6.56	9.41	12.26	30	15.11	17.96	20.81	23.66	26.51
.97	3.76	6.61	9.46	12.31	32	15.16	18.01	20.86	23.71	26.56
1.03	3.82	6.67	9.52	12.37	34	15.22	18.07	20.92	23.77	26.62
1.08	3.88	6.73	9.58	12.43	36	15.28	18.13	20.98	23.83	26.68
1.14	3.93	6.78	9.63	12.48	38	15.33	18.18	21.03	23.88	26.73
1.20	3.99	6.84	9.69	12.54	40	15.39	18.24	21.09	23.94	26.79
1.25	4.05	6.90	9.75	12.60	42	15.45	18.30	21.15	24.00	26.85
1.31	4.10	6.95	9.80	12.65	44	15.50	18.35	21.20	24.05	26.90
1.37	4.16	7.01	9.86	12.71	46	15.56	18.41	21.26	24.11	26.96
1.43	4.22	7.07	9.92	12.77	48	15.62	18.47	21.32	24.17	27.02
1.49	4.28	7.13	9.98	12.83	50	15.68	18.53	21.38	24.23	27.08

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.48	4.33	7.18	10.03	12.88	52	15.73	18.58	21.43	24.28	27.13
1.54	4.39	7.24	10.09	12.94	54	15.79	18.64	21.49	24.34	27.19
1.60	4.45	7.30	10.15	13.00	56	15.85	18.70	21.55	24.40	27.25
1.65	4.50	7.35	10.20	13.05	58	15.90	18.75	21.60	24.45	27.30
1.71	4.56	7.41	10.26	13.11	60	15.96	18.81	21.66	24.51	27.36
1.77	4.62	7.47	10.32	13.17	62	16.02	18.87	21.72	24.57	27.42
1.82	4.67	7.52	10.37	13.22	64	16.07	18.92	21.77	24.62	27.47
1.88	4.73	7.58	10.43	13.28	66	16.13	18.98	21.83	24.68	27.53
1.94	4.79	7.64	10.49	13.34	68	16.19	19.04	21.89	24.74	27.59
2.00	4.85	7.70	10.55	13.40	70	16.25	19.10	21.95	24.80	27.65
2.05	4.90	7.75	10.60	13.45	72	16.30	19.15	22.00	24.85	27.70
2.11	4.96	7.81	10.66	13.51	74	16.36	19.21	22.06	24.91	27.76
2.17	5.02	7.87	10.72	13.57	76	16.42	19.27	22.12	24.97	27.82
2.22	5.07	7.92	10.77	13.62	78	16.47	19.32	22.17	25.02	27.87
2.28	5.13	7.98	10.83	13.68	80	16.53	19.38	22.23	25.08	27.93
2.34	5.19	8.04	10.89	13.74	82	16.59	19.44	22.29	25.14	27.99
2.39	5.24	8.09	10.94	13.79	84	16.64	19.49	22.34	25.19	28.04
2.45	5.30	8.15	11.00	13.85	86	16.70	19.55	22.40	25.25	28.10
2.51	5.36	8.21	11.06	13.91	88	16.76	19.61	22.46	25.31	28.16
2.57	5.42	8.27	11.12	13.97	90	16.82	19.67	22.52	25.37	28.22
2.62	5.47	8.32	11.17	14.02	92	16.87	19.72	22.57	25.42	28.27
2.68	5.53	8.38	11.23	14.08	94	16.93	19.78	22.63	25.48	28.33
2.74	5.59	8.44	11.29	14.14	96	16.99	19.84	22.69	25.54	28.39
2.79	5.64	8.49	11.34	14.19	98	17.04	19.89	22.74	25.59	28.44

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
285.00	313.50	342.00	370.50	399.00	427.50	456.00	484.50	513.00	541.50
570.00	598.50	627.00	655.50	684.00	712.50	741.00	769.50	798.00	826.50



2 to 95	100	200	300	400	feet	500	600	700	800	900
.06	2.88	5.75	8.63	11.50		14.38	17.25	20.13	23.00	25.88
.12	2.93	5.81	8.68	11.56	2	14.43	17.31	20.18	23.06	25.93
.17	2.99	5.87	8.74	11.62	4	14.49	17.37	20.24	23.12	25.99
.23	3.05	5.92	8.80	11.67	6	14.55	17.42	20.30	23.17	26.05
.29	3.11	5.98	8.86	11.73	8	14.61	17.48	20.36	23.23	26.11
.35	3.16	6.04	8.91	11.79	10	14.66	17.54	20.41	23.29	26.16
.40	3.22	6.10	8.97	11.85	12	14.72	17.60	20.47	23.35	26.22
.46	3.28	6.15	9.03	11.90	14	14.78	17.65	20.53	23.40	26.28
.52	3.34	6.21	9.09	11.96	16	14.84	17.71	20.59	23.46	26.34
.58	3.39	6.27	9.14	12.02	18	14.89	17.77	20.64	23.52	26.39
.63	3.45	6.33	9.20	12.08	20	14.95	17.83	20.70	23.58	26.45
.69	3.51	6.38	9.26	12.13	22	15.01	17.88	20.76	23.63	26.51
.75	3.57	6.44	9.32	12.19	24	15.07	17.94	20.82	23.69	26.57
.81	3.62	6.50	9.37	12.25	26	15.12	18.00	20.87	23.75	26.62
.86	3.68	6.56	9.43	12.31	28	15.18	18.06	20.93	23.81	26.68
.92	3.74	6.61	9.49	12.36	30	15.24	18.11	20.99	23.86	26.74
.98	3.80	6.67	9.55	12.42	32	15.30	18.17	21.05	23.92	26.80
1.04	3.85	6.73	9.60	12.48	34	15.35	18.23	21.10	23.98	26.85
1.09	3.91	6.79	9.66	12.54	36	15.41	18.29	21.16	24.04	26.91
1.15	3.97	6.84	9.72	12.59	38	15.47	18.34	21.22	24.09	26.97
1.21	4.03	6.90	9.78	12.65	40	15.53	18.40	21.28	24.15	27.03
1.27	4.08	6.96	9.83	12.71	42	15.58	18.46	21.33	24.21	27.08
1.32	4.14	7.02	9.89	12.77	44	15.64	18.52	21.39	24.27	27.14
1.38	4.20	7.07	9.95	12.82	46	15.70	18.57	21.45	24.32	27.20
1.44	4.26	7.13	10.01	12.88	48	15.76	18.63	21.51	24.38	27.26
1.50	4.31	7.19	10.06	12.94	50	15.81	18.69	21.56	24.44	27.31

2 to 95	100	200	300	400	feet	500	600	700	800	900
1.50	4.37	7.25	10.12	13.00	52	15.87	18.75	21.62	24.50	27.37
1.55	4.43	7.30	10.18	13.05	54	15.93	18.80	21.68	24.55	27.43
1.61	4.49	7.36	10.24	13.11	56	15.99	18.86	21.74	24.61	27.49
1.67	4.54	7.42	10.29	13.17	58	16.04	18.92	21.79	24.67	27.54
1.73	4.60	7.48	10.35	13.23	60	16.10	18.98	21.85	24.73	27.60
1.78	4.66	7.53	10.41	13.28	62	16.16	19.03	21.91	24.78	27.66
1.84	4.72	7.59	10.47	13.34	64	16.22	19.09	21.97	24.84	27.72
1.90	4.77	7.65	10.52	13.40	66	16.27	19.15	22.02	24.90	27.77
1.96	4.83	7.71	10.58	13.46	68	16.33	19.21	22.08	24.96	27.83
2.01	4.89	7.76	10.64	13.51	70	16.39	19.26	22.14	25.01	27.89
2.07	4.95	7.82	10.70	13.57	72	16.45	19.32	22.20	25.07	27.95
2.13	5.00	7.88	10.75	13.63	74	16.50	19.38	22.25	25.13	28.00
2.19	5.06	7.94	10.81	13.69	76	16.56	19.44	22.31	25.19	28.06
2.24	5.12	7.99	10.87	13.74	78	16.62	19.49	22.37	25.24	28.12
2.30	5.18	8.05	10.93	13.80	80	16.68	19.55	22.43	25.30	28.18
2.36	5.23	8.11	10.98	13.86	82	16.73	19.61	22.48	25.36	28.23
2.42	5.29	8.17	11.04	13.92	84	16.79	19.67	22.54	25.42	28.29
2.47	5.35	8.22	11.10	13.97	86	16.85	19.72	22.60	25.47	28.35
2.53	5.41	8.28	11.16	14.03	88	16.91	19.78	22.66	25.53	28.41
2.59	5.46	8.34	11.21	14.09	90	16.96	19.84	22.71	25.59	28.46
2.65	5.52	8.40	11.27	14.15	92	17.02	19.90	22.77	25.65	28.52
2.70	5.58	8.45	11.33	14.20	94	17.08	19.95	22.83	25.70	28.58
2.76	5.64	8.51	11.39	14.26	96	17.14	20.01	22.89	25.76	28.64
2.82	5.69	8.57	11.44	14.32	98	17.19	20.07	22.94	25.82	28.69

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
28.75	57.50	86.25	115.00		143.75	172.50	201.25	230.00	258.75
287.50	316.25	345.00	373.75	10	431.25	460.00	488.75	517.50	546.25
575.00	603.75	632.50	661.25	20	718.75	747.50	776.25	805.00	833.75

\$32

\$29

\$30

\$31

2 to 98	100	200	300	400 feet	500	600	700	800	900
	2.90	5.80	8.70	11.60	14.50	17.40	20.30	23.20	26.10
.06	2.96	5.86	8.76	11.66	14.56	17.46	20.36	23.26	26.16
.12	3.02	5.92	8.82	11.72	14.62	17.52	20.42	23.32	26.22
.17	3.07	5.97	8.87	11.77	14.67	17.57	20.47	23.37	26.27
.23	3.13	6.03	8.93	11.83	14.73	17.63	20.53	23.43	26.33
.29	3.19	6.09	8.99	11.89	14.79	17.69	20.59	23.49	26.39
.35	3.25	6.15	9.05	11.95	14.85	17.75	20.65	23.55	26.45
.41	3.31	6.21	9.11	12.01	14.91	17.81	20.71	23.61	26.51
.46	3.36	6.26	9.16	12.06	14.96	17.86	20.76	23.66	26.56
.52	3.42	6.32	9.22	12.12	15.02	17.92	20.82	23.72	26.62
.58	3.48	6.38	9.28	12.18	15.08	17.98	20.88	23.78	26.68
.64	3.54	6.44	9.34	12.24	15.14	18.04	20.94	23.84	26.74
.70	3.60	6.50	9.40	12.30	15.20	18.10	21.00	23.90	26.80
.75	3.65	6.55	9.45	12.35	15.25	18.15	21.05	23.95	26.85
.81	3.71	6.61	9.51	12.41	15.31	18.21	21.11	24.01	26.91
.87	3.77	6.67	9.57	12.47	15.37	18.27	21.17	24.07	26.97
.93	3.83	6.73	9.63	12.53	15.43	18.33	21.23	24.13	27.03
.99	3.89	6.79	9.69	12.59	15.49	18.39	21.29	24.19	27.09
1.04	3.94	6.84	9.74	12.64	15.54	18.44	21.34	24.24	27.14
1.10	4.00	6.90	9.80	12.70	15.60	18.50	21.40	24.30	27.20
1.16	4.06	6.96	9.86	12.76	15.66	18.56	21.46	24.36	27.26
1.22	4.12	7.02	9.92	12.82	15.72	18.62	21.52	24.42	27.32
1.28	4.18	7.08	9.98	12.88	15.78	18.68	21.58	24.48	27.38
1.33	4.23	7.13	10.03	12.93	15.83	18.73	21.63	24.53	27.43
1.39	4.29	7.19	10.09	12.99	15.89	18.79	21.69	24.59	27.49
1.45	4.35	7.25	10.15	13.05	15.95	18.85	21.75	24.65	27.55

2 to 98	100	200	300	400 feet	500	600	700	800	900
1.51	4.41	7.31	10.21	13.11	52	16.01	18.91	21.81	24.71
1.57	4.47	7.37	10.27	13.17	54	16.07	18.97	21.87	24.77
1.62	4.52	7.42	10.32	13.22	56	16.12	19.02	21.92	24.82
1.68	4.58	7.48	10.38	13.28	58	16.18	19.08	21.98	24.88
1.74	4.64	7.54	10.44	13.34	60	16.24	19.14	22.04	24.94
1.80	4.70	7.60	10.50	13.40	62	16.30	19.20	22.10	25.00
1.86	4.76	7.66	10.56	13.46	64	16.36	19.26	22.16	25.06
1.91	4.81	7.71	10.61	13.51	66	16.41	19.31	22.21	25.11
1.97	4.87	7.77	10.67	13.57	68	16.47	19.37	22.27	25.17
2.03	4.93	7.83	10.73	13.63	70	16.53	19.43	22.33	25.23
2.09	4.99	7.89	10.79	13.69	72	16.59	19.49	22.39	25.29
2.15	5.05	7.95	10.85	13.75	74	16.65	19.55	22.45	25.35
2.20	5.10	8.00	10.90	13.80	76	16.70	19.60	22.50	25.40
2.26	5.16	8.06	10.96	13.86	78	16.76	19.66	22.56	25.46
2.32	5.22	8.12	11.02	13.92	80	16.82	19.72	22.62	25.52
2.38	5.28	8.18	11.08	13.98	82	16.88	19.78	22.68	25.58
2.44	5.34	8.24	11.14	14.04	84	16.94	19.84	22.74	25.64
2.49	5.39	8.29	11.19	14.09	86	16.99	19.89	22.79	25.69
2.55	5.45	8.35	11.25	14.15	88	17.05	19.95	22.85	25.75
2.61	5.51	8.41	11.31	14.21	90	17.11	20.01	22.91	25.81
2.67	5.57	8.47	11.37	14.27	92	17.17	20.07	22.97	25.87
2.73	5.63	8.53	11.43	14.33	94	17.23	20.13	23.03	25.93
2.78	5.68	8.58	11.48	14.38	96	17.28	20.18	23.08	25.98
2.84	5.74	8.64	11.54	14.44	98	17.34	20.24	23.14	26.04

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
29.00	58.00	87.00	116.00		145.00	174.00	203.00	232.00	261.00
200.00	319.00	438.00	557.00	10	435.00	464.00	493.00	522.00	551.00
600.00	609.00	638.00	667.00	20	725.00	754.00	783.00	812.00	841.00



2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.93	5.85	8.78	11.70		14.63	17.55	20.48	23.40	26.33
.06	2.98	5.91	8.83	11.76	2	14.68	17.61	20.53	23.46	26.38
.12	3.04	5.97	8.89	11.82	4	14.74	17.67	20.59	23.52	26.44
.18	3.10	6.03	8.95	11.88	6	14.80	17.73	20.65	23.58	26.50
.23	3.16	6.08	9.01	11.93	8	14.86	17.78	20.71	23.63	26.56
.29	3.22	6.14	9.07	11.99	10	14.92	17.84	20.77	23.69	26.62
.35	3.28	6.20	9.13	12.05	12	14.98	17.90	20.83	23.75	26.68
.41	3.33	6.26	9.18	12.11	14	15.03	17.96	20.88	23.81	26.73
.47	3.39	6.32	9.24	12.17	16	15.09	18.02	20.94	23.87	26.79
.53	3.45	6.38	9.30	12.23	18	15.15	18.08	21.00	23.93	26.85
.59	3.51	6.44	9.36	12.29	20	15.21	18.14	21.06	23.99	26.91
.64	3.57	6.49	9.42	12.34	22	15.27	18.19	21.12	24.04	26.97
.70	3.63	6.55	9.48	12.40	24	15.33	18.25	21.18	24.10	27.03
.76	3.69	6.61	9.54	12.46	26	15.39	18.31	21.24	24.16	27.09
.82	3.74	6.67	9.59	12.52	28	15.44	18.37	21.29	24.22	27.14
.88	3.80	6.73	9.65	12.58	30	15.50	18.43	21.35	24.28	27.20
.94	3.86	6.79	9.71	12.64	32	15.56	18.49	21.41	24.34	27.26
.99	3.92	6.84	9.77	12.69	34	15.62	18.54	21.47	24.39	27.32
1.05	3.98	6.90	9.83	12.75	36	15.68	18.60	21.53	24.45	27.38
1.11	4.04	6.96	9.89	12.81	38	15.74	18.66	21.59	24.51	27.44
1.17	4.10	7.02	9.95	12.87	40	15.80	18.72	21.65	24.57	27.50
1.23	4.15	7.08	10.00	12.93	42	15.85	18.78	21.70	24.63	27.55
1.29	4.21	7.14	10.06	12.99	44	15.91	18.84	21.76	24.69	27.61
1.35	4.27	7.20	10.12	13.05	46	15.97	18.90	21.82	24.75	27.67
1.40	4.33	7.25	10.18	13.10	48	16.03	18.95	21.88	24.80	27.73
1.46	4.39	7.31	10.24	13.16	50	16.09	19.01	21.94	24.86	27.79

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.52	4.45	7.37	10.30	13.22	52	16.15	19.07	22.00	24.92	27.85
1.58	4.50	7.43	10.35	13.28	54	16.20	19.13	22.05	24.98	27.90
1.64	4.56	7.49	10.41	13.34	56	16.26	19.19	22.11	25.04	27.96
1.70	4.62	7.55	10.47	13.40	58	16.32	19.25	22.17	25.10	28.02
1.76	4.68	7.61	10.53	13.46	60	16.38	19.31	22.23	25.16	28.08
1.81	4.74	7.66	10.59	13.51	62	16.44	19.36	22.29	25.21	28.14
1.87	4.80	7.72	10.65	13.57	64	16.50	19.42	22.35	25.27	28.20
1.93	4.86	7.78	10.71	13.63	66	16.56	19.48	22.41	25.33	28.26
1.99	4.91	7.84	10.76	13.69	68	16.61	19.54	22.46	25.39	28.31
2.05	4.97	7.90	10.82	13.75	70	16.67	19.60	22.52	25.45	28.37
2.11	5.03	7.96	10.88	13.81	72	16.73	19.66	22.58	25.51	28.43
2.16	5.09	8.01	10.94	13.86	74	16.79	19.71	22.64	25.56	28.49
2.22	5.15	8.07	11.00	13.92	76	16.85	19.77	22.70	25.62	28.55
2.28	5.21	8.13	11.06	13.98	78	16.91	19.83	22.76	25.68	28.61
2.34	5.27	8.19	11.12	14.04	80	16.97	19.89	22.82	25.74	28.67
2.40	5.32	8.25	11.17	14.10	82	17.02	19.95	22.87	25.80	28.72
2.46	5.38	8.31	11.23	14.16	84	17.08	20.01	22.93	25.86	28.78
2.52	5.44	8.37	11.29	14.22	86	17.14	20.07	22.99	25.92	28.84
2.57	5.50	8.42	11.35	14.27	88	17.20	20.12	23.05	25.97	28.90
2.63	5.56	8.48	11.41	14.33	90	17.26	20.18	23.11	26.03	28.96
2.69	5.62	8.54	11.47	14.39	92	17.32	20.24	23.17	26.09	29.02
2.75	5.67	8.60	11.52	14.45	94	17.37	20.30	23.22	26.15	29.07
2.81	5.73	8.66	11.58	14.51	96	17.43	20.36	23.28	26.21	29.13
2.87	5.79	8.72	11.64	14.57	98	17.49	20.42	23.34	26.27	29.19

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
29.25	58.50	87.75	117.00		148.25	175.50	204.75	234.00	263.25
292.50	321.75	351.00	380.25	10	438.75	468.00	497.25	526.50	555.75
585.00	614.25	643.50	672.75	20	731.25	760.50	789.75	819.00	848.25

\$32

\$29

\$30

\$31

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	2.95	5.90	8.85	11.80	2	14.75	17.70	20.65	23.60	26.55
.12	3.01	5.96	8.91	11.86	2	14.81	17.76	20.71	23.66	26.61
.18	3.07	6.02	8.97	11.92	4	14.87	17.82	20.77	23.72	26.67
.24	3.13	6.08	9.03	11.98	6	14.93	17.88	20.83	23.78	26.73
.30	3.19	6.14	9.09	12.04	8	14.99	17.94	20.89	23.84	26.79
.35	3.25	6.20	9.15	12.10	10	15.05	18.00	20.95	23.90	26.85
.41	3.30	6.25	9.20	12.15	12	15.10	18.05	21.00	23.95	26.90
.47	3.36	6.31	9.26	12.21	14	15.16	18.11	21.06	24.01	26.96
.53	3.42	6.37	9.32	12.27	16	15.22	18.17	21.12	24.07	27.02
.59	3.48	6.43	9.38	12.33	18	15.28	18.23	21.18	24.13	27.08
.65	3.54	6.49	9.44	12.39	20	15.34	18.29	21.24	24.19	27.14
.71	3.60	6.55	9.50	12.45	22	15.40	18.35	21.30	24.25	27.20
.77	3.66	6.61	9.56	12.51	24	15.46	18.41	21.36	24.31	27.26
.83	3.72	6.67	9.62	12.57	26	15.52	18.47	21.42	24.37	27.32
.89	3.78	6.73	9.68	12.63	28	15.58	18.53	21.48	24.43	27.38
.94	3.84	6.79	9.74	12.69	30	15.64	18.59	21.54	24.49	27.44
1.00	3.89	6.84	9.79	12.74	32	15.69	18.64	21.59	24.54	27.49
1.06	3.95	6.90	9.85	12.80	34	15.75	18.70	21.65	24.60	27.55
1.12	4.01	6.96	9.91	12.86	36	15.81	18.76	21.71	24.66	27.61
1.18	4.07	7.02	9.97	12.92	38	15.87	18.82	21.77	24.72	27.67
1.24	4.13	7.08	10.03	12.98	40	15.93	18.88	21.83	24.78	27.73
1.30	4.19	7.14	10.09	13.04	42	15.99	18.94	21.89	24.84	27.79
1.36	4.25	7.20	10.15	13.10	44	16.05	19.00	21.95	24.90	27.85
1.42	4.31	7.26	10.21	13.16	46	16.11	19.06	22.01	24.96	27.91
1.48	4.37	7.32	10.27	13.22	48	16.17	19.12	22.07	25.02	27.97
1.54	4.43	7.38	10.33	13.28	50	16.23	19.18	22.13	25.08	28.03

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.53	4.48	7.43	10.38	13.33	52	16.28	19.23	22.18	25.13	28.08
1.59	4.54	7.49	10.44	13.39	54	16.34	19.29	22.24	25.19	28.14
1.65	4.60	7.55	10.50	13.45	56	16.40	19.35	22.30	25.25	28.20
1.71	4.66	7.61	10.56	13.51	58	16.46	19.41	22.36	25.31	28.26
1.77	4.72	7.67	10.62	13.57	60	16.52	19.47	22.42	25.37	28.32
1.83	4.78	7.73	10.68	13.63	62	16.58	19.53	22.48	25.43	28.38
1.89	4.84	7.79	10.74	13.69	64	16.64	19.59	22.54	25.49	28.44
1.95	4.90	7.85	10.80	13.75	66	16.70	19.65	22.60	25.55	28.50
2.01	4.96	7.91	10.86	13.81	68	16.76	19.71	22.66	25.61	28.56
2.07	5.02	7.97	10.92	13.87	70	16.82	19.77	22.72	25.67	28.62
2.12	5.07	8.02	10.97	13.92	72	16.87	19.82	22.77	25.72	28.67
2.18	5.13	8.08	11.03	13.98	74	16.93	19.88	22.83	25.78	28.73
2.24	5.19	8.14	11.09	14.04	76	16.99	19.94	22.89	25.84	28.79
2.30	5.25	8.20	11.15	14.10	78	17.05	20.00	22.95	25.90	28.85
2.36	5.31	8.26	11.21	14.16	80	17.11	20.06	23.01	25.96	28.91
2.42	5.37	8.32	11.27	14.22	82	17.17	20.12	23.07	26.02	28.97
2.48	5.43	8.38	11.33	14.28	84	17.23	20.18	23.13	26.08	29.03
2.54	5.49	8.44	11.39	14.34	86	17.29	20.24	23.19	26.14	29.09
2.60	5.55	8.50	11.45	14.40	88	17.35	20.30	23.25	26.20	29.15
2.66	5.61	8.56	11.51	14.46	90	17.41	20.36	23.31	26.26	29.21
2.71	5.66	8.61	11.56	14.51	92	17.46	20.41	23.36	26.31	29.26
2.77	5.72	8.67	11.62	14.57	94	17.52	20.47	23.42	26.37	29.32
2.83	5.78	8.73	11.68	14.63	96	17.58	20.53	23.48	26.43	29.38
2.89	5.84	8.79	11.74	14.69	98	17.64	20.59	23.54	26.49	29.44

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
29.50	59.00	88.50	118.00		147.50	177.00	206.50	236.00	265.50
96.00 324.50	354.00	383.50	413.00	10	442.50	472.00	501.50	531.00	560.50
90.00 619.50	649.00	678.50	708.00	20	737.50	767.00	796.50	826.00	855.50



\$2.97½ Per 100

\$29.75 Per M.

89

2 to 98	100	200	300	400	feet	500	600	700	800	900
	2.98	5.95	8.93	11.90		14.88	17.85	20.83	23.80	26.78
.06	3.03	6.01	8.98	11.96	2	14.93	17.91	20.88	23.86	26.83
.12	3.09	6.07	9.04	12.02	4	14.99	17.97	20.94	23.92	26.89
.18	3.15	6.13	9.10	12.08	6	15.05	18.03	21.00	23.98	26.95
.24	3.21	6.19	9.16	12.14	8	15.11	18.09	21.06	24.04	27.01
.30	3.27	6.25	9.22	12.20	10	15.17	18.15	21.12	24.10	27.07
.36	3.33	6.31	9.28	12.26	12	15.23	18.21	21.18	24.16	27.13
.42	3.39	6.37	9.34	12.32	14	15.29	18.27	21.24	24.22	27.19
.48	3.45	6.43	9.40	12.38	16	15.35	18.33	21.30	24.28	27.25
.54	3.51	6.49	9.46	12.44	18	15.41	18.39	21.36	24.34	27.31
.60	3.57	6.55	9.52	12.50	20	15.47	18.45	21.42	24.40	27.37
.65	3.63	6.60	9.58	12.55	22	15.53	18.50	21.48	24.45	27.43
.71	3.69	6.66	9.64	12.61	24	15.59	18.56	21.54	24.51	27.49
.77	3.75	6.72	9.70	12.67	26	15.65	18.62	21.60	24.57	27.55
.83	3.81	6.78	9.76	12.73	28	15.71	18.68	21.66	24.63	27.61
.89	3.87	6.84	9.82	12.79	30	15.77	18.74	21.72	24.69	27.67
.95	3.93	6.90	9.88	12.85	32	15.83	18.80	21.78	24.75	27.73
1.01	3.99	6.96	9.94	12.91	34	15.89	18.86	21.84	24.81	27.79
1.07	4.05	7.02	10.00	12.97	36	15.95	18.92	21.90	24.87	27.85
1.13	4.11	7.08	10.06	13.03	38	16.01	18.98	21.96	24.93	27.91
1.19	4.17	7.14	10.12	13.09	40	16.07	19.04	22.02	24.99	27.97
1.25	4.22	7.20	10.17	13.15	42	16.12	19.10	22.07	25.05	28.02
1.31	4.28	7.26	10.23	13.21	44	16.18	19.16	22.13	25.11	28.08
1.37	4.34	7.32	10.29	13.27	46	16.24	19.22	22.19	25.17	28.14
1.43	4.40	7.38	10.35	13.33	48	16.30	19.28	22.25	25.23	28.20
1.49	4.46	7.44	10.41	13.39	50	16.36	19.34	22.31	25.29	28.26

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.55	4.52	7.50	10.47	13.45	52	16.42	19.40	22.37	25.35	28.32
1.61	4.58	7.56	10.53	13.51	54	16.48	19.46	22.43	25.41	28.38
1.67	4.64	7.62	10.59	13.57	56	16.54	19.52	22.49	25.47	28.44
1.73	4.70	7.68	10.65	13.63	58	16.60	19.58	22.55	25.53	28.50
1.79	4.76	7.74	10.71	13.69	60	16.66	19.64	22.61	25.59	28.56
1.84	4.82	7.79	10.77	13.74	62	16.72	19.69	22.67	25.64	28.62
1.90	4.88	7.85	10.83	13.80	64	16.78	19.75	22.73	25.70	28.68
1.96	4.94	7.91	10.89	13.86	66	16.84	19.81	22.79	25.76	28.74
2.02	5.00	7.97	10.95	13.92	68	16.90	19.87	22.85	25.82	28.80
2.08	5.06	8.03	11.01	13.98	70	16.96	19.93	22.91	25.88	28.86
2.14	5.12	8.09	11.07	14.04	72	17.02	19.99	22.97	25.94	28.92
2.20	5.18	8.15	11.13	14.10	74	17.08	20.05	23.03	26.00	28.98
2.26	5.24	8.21	11.17	14.16	76	17.14	20.11	23.09	26.06	29.04
2.32	5.30	8.27	11.25	14.22	78	17.20	20.17	23.15	26.12	29.10
2.38	5.36	8.33	11.31	14.28	80	17.26	20.23	23.21	26.18	29.16
2.44	5.41	8.39	11.36	14.34	82	17.31	20.29	23.26	26.24	29.21
2.50	5.47	8.45	11.42	14.40	84	17.37	20.35	23.32	26.30	29.27
2.56	5.53	8.51	11.48	14.46	86	17.43	20.41	23.38	26.36	29.33
2.62	5.59	8.57	11.54	14.52	88	17.49	20.47	23.44	26.42	29.39
2.68	5.65	8.63	11.60	14.58	90	17.55	20.53	23.50	26.48	29.45
2.74	5.71	8.69	11.66	14.64	92	17.61	20.59	23.56	26.54	29.51
2.80	5.77	8.75	11.72	14.70	94	17.67	20.65	23.62	26.60	29.57
2.86	5.83	8.81	11.78	14.76	96	17.73	20.71	23.68	26.66	29.63
2.92	5.89	8.87	11.84	14.82	98	17.79	20.77	23.74	26.72	29.69

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
29.75	59.50	89.25	119.00		148.75	178.50	208.25	238.00	267.75
297.50	327.25	357.00	386.75	416.50	446.25	476.00	505.75	535.50	565.25
595.00	624.75	654.50	684.25	714.00	743.75	773.50	803.25	833.00	862.75

\$32

\$30

\$31

2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.00	6.00	9.00	12.00		15.00	18.00	21.00	24.00	27.00
.06	3.06	6.06	9.06	12.06	2	15.06	18.06	21.06	24.06	27.06
.12	3.12	6.12	9.12	12.12	4	15.12	18.12	21.12	24.12	27.12
.18	3.18	6.18	9.18	12.18	6	15.18	18.18	21.18	24.18	27.18
.24	3.24	6.24	9.24	12.24	8	15.24	18.24	21.24	24.24	27.24
.30	3.30	6.30	9.30	12.30	10	15.30	18.30	21.30	24.30	27.30
.36	3.36	6.36	9.36	12.36	12	15.36	18.36	21.36	24.36	27.36
.42	3.42	6.42	9.42	12.42	14	15.42	18.42	21.42	24.42	27.42
.48	3.48	6.48	9.48	12.48	16	15.48	18.48	21.48	24.48	27.48
.54	3.54	6.54	9.54	12.54	18	15.54	18.54	21.54	24.54	27.54
.60	3.60	6.60	9.60	12.60	20	15.60	18.60	21.60	24.60	27.60
.66	3.66	6.66	9.66	12.66	22	15.66	18.66	21.66	24.66	27.66
.72	3.72	6.72	9.72	12.72	24	15.72	18.72	21.72	24.72	27.72
.78	3.78	6.78	9.78	12.78	26	15.78	18.78	21.78	24.78	27.78
.84	3.84	6.84	9.84	12.84	28	15.84	18.84	21.84	24.84	27.84
.90	3.90	6.90	9.90	12.90	30	15.90	18.90	21.90	24.90	27.90
.96	3.96	6.96	9.96	12.96	32	15.96	18.96	21.96	24.96	27.96
1.02	4.02	7.02	10.02	13.02	34	16.02	19.02	22.02	25.02	28.02
1.08	4.08	7.08	10.08	13.08	36	16.08	19.08	22.08	25.08	28.08
1.14	4.14	7.14	10.14	13.14	38	16.14	19.14	22.14	25.14	28.14
1.20	4.20	7.20	10.20	13.20	40	16.20	19.20	22.20	25.20	28.20
1.26	4.26	7.26	10.26	13.26	42	16.26	19.26	22.26	25.26	28.26
1.32	4.32	7.32	10.32	13.32	44	16.32	19.32	22.32	25.32	28.32
1.38	4.38	7.38	10.38	13.38	46	16.38	19.38	22.38	25.38	28.38
1.44	4.44	7.44	10.44	13.44	48	16.44	19.44	22.44	25.44	28.44
1.50	4.50	7.50	10.50	13.50	50	16.50	19.50	22.50	25.50	28.50

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.56	4.56	7.56	10.56	13.56	52	16.56	19.56	22.56	25.56	28.56
1.62	4.62	7.62	10.62	13.62	54	16.62	19.62	22.62	25.62	28.62
1.68	4.68	7.68	10.68	13.68	56	16.68	19.68	22.68	25.68	28.68
1.74	4.74	7.74	10.74	13.74	58	16.74	19.74	22.74	25.74	28.74
1.80	4.80	7.80	10.80	13.80	60	16.80	19.80	22.80	25.80	28.80
1.86	4.86	7.86	10.86	13.86	62	16.86	19.86	22.86	25.86	28.86
1.92	4.92	7.92	10.92	13.92	64	16.92	19.92	22.92	25.92	28.92
1.98	4.98	7.98	10.98	13.98	66	16.98	19.98	22.98	25.98	28.98
2.04	5.04	8.04	11.04	14.04	68	17.04	20.04	23.04	26.04	29.04
2.10	5.10	8.10	11.10	14.10	70	17.10	20.10	23.10	26.10	29.10
2.16	5.16	8.16	11.16	14.16	72	17.16	20.16	23.16	26.16	29.16
2.22	5.22	8.22	11.22	14.22	74	17.22	20.22	23.22	26.22	29.22
2.28	5.28	8.28	11.28	14.28	76	17.28	20.28	23.28	26.28	29.28
2.34	5.34	8.34	11.34	14.34	78	17.34	20.34	23.34	26.34	29.34
2.40	5.40	8.40	11.40	14.40	80	17.40	20.40	23.40	26.40	29.40
2.46	5.46	8.46	11.46	14.46	82	17.46	20.46	23.46	26.46	29.46
2.52	5.52	8.52	11.52	14.52	84	17.52	20.52	23.52	26.52	29.52
2.58	5.58	8.58	11.58	14.58	86	17.58	20.58	23.58	26.58	29.58
2.64	5.64	8.64	11.64	14.64	88	17.64	20.64	23.64	26.64	29.64
2.70	5.70	8.70	11.70	14.70	90	17.70	20.70	23.70	26.70	29.70
2.76	5.76	8.76	11.76	14.76	92	17.76	20.76	23.76	26.76	29.76
2.82	5.82	8.82	11.82	14.82	94	17.82	20.82	23.82	26.82	29.82
2.88	5.88	8.88	11.88	14.88	96	17.88	20.88	23.88	26.88	29.88
2.94	5.94	8.94	11.94	14.94	98	17.94	20.94	23.94	26.94	29.94

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
30.00	60.00	90.00	120.00		150.00	180.00	210.00	240.00	270.00
330.00	360.00	390.00	420.00	10	450.00	480.00	510.00	540.00	570.00
600.00	630.00	660.00	690.00	20	750.00	780.00	810.00	840.00	870.00



\$3.02½ Per 100

\$30.25 Per M.

101

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	3.03	6.05	9.08	12.10	2	15.13	18.15	21.18	24.20	27.23
.12	3.09	6.11	9.14	12.16	4	15.19	18.21	21.24	24.26	27.29
.18	3.15	6.17	9.20	12.22	6	15.25	18.27	21.30	24.32	27.35
.24	3.21	6.23	9.26	12.28	8	15.31	18.33	21.36	24.38	27.41
.30	3.27	6.29	9.32	12.34	10	15.37	18.39	21.42	24.44	27.47
.36	3.33	6.35	9.38	12.40	12	15.43	18.45	21.48	24.50	27.53
.42	3.39	6.41	9.44	12.46	14	15.49	18.51	21.54	24.56	27.59
.48	3.45	6.47	9.50	12.52	16	15.55	18.57	21.60	24.62	27.65
.54	3.51	6.53	9.56	12.58	18	15.61	18.63	21.66	24.68	27.71
.61	3.57	6.59	9.63	12.64	20	15.67	18.69	21.73	24.74	27.77
.67	3.63	6.66	9.68	12.71	22	15.73	18.76	21.78	24.81	27.83
.73	3.69	6.72	9.74	12.77	24	15.79	18.82	21.84	24.87	27.89
.79	3.75	6.78	9.80	12.83	26	15.85	18.88	21.90	24.93	27.95
.85	3.81	6.84	9.86	12.89	28	15.91	18.94	21.96	24.99	28.01
.91	3.87	6.90	9.92	12.95	30	15.97	19.00	22.02	25.05	28.07
.97	3.93	6.96	9.98	13.01	32	16.03	19.06	22.08	25.11	28.13
1.03	3.99	7.02	10.04	13.07	34	16.09	19.12	22.14	25.17	28.19
1.09	4.05	7.08	10.10	13.13	36	16.15	19.18	22.20	25.23	28.25
1.15	4.11	7.14	10.16	13.19	38	16.21	19.24	22.26	25.29	28.31
1.21	4.17	7.20	10.22	13.25	40	16.27	19.30	22.32	25.35	28.37
1.27	4.24	7.26	10.29	13.31	42	16.34	19.36	22.39	25.41	28.44
1.33	4.30	7.32	10.35	13.37	44	16.40	19.42	22.45	25.47	28.50
1.39	4.36	7.38	10.41	13.43	46	16.46	19.48	22.51	25.53	28.56
1.45	4.42	7.44	10.47	13.49	48	16.52	19.54	22.57	25.59	28.62
1.51	4.48	7.50	10.53	13.55	50	16.58	19.60	22.63	25.65	28.68
1.57	4.54	7.56	10.59	13.61	52	16.64	19.66	22.69	25.71	28.74

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.57	4.60	7.62	10.65	13.67	52	16.70	19.72	22.75	25.77	28.80
1.63	4.66	7.68	10.71	13.73	54	16.76	19.78	22.81	25.83	28.86
1.69	4.72	7.74	10.77	13.79	56	16.82	19.84	22.87	25.89	28.92
1.75	4.78	7.80	10.83	13.85	58	16.88	19.90	22.93	25.95	28.98
1.82	4.84	7.87	10.89	13.92	60	16.94	19.97	22.99	26.02	29.04
1.88	4.90	7.93	10.95	13.98	62	17.00	20.03	23.05	26.08	29.10
1.94	4.96	7.99	11.01	14.04	64	17.06	20.09	23.11	26.14	29.16
2.00	5.02	8.05	11.07	14.10	66	17.12	20.15	23.17	26.20	29.22
2.06	5.08	8.11	11.13	14.16	68	17.18	20.21	23.23	26.26	29.28
2.12	5.14	8.17	11.19	14.22	70	17.24	20.27	23.29	26.32	29.34
2.18	5.20	8.23	11.25	14.28	72	17.30	20.33	23.35	26.38	29.40
2.24	5.26	8.29	11.31	14.34	74	17.36	20.39	23.41	26.44	29.46
2.30	5.32	8.35	11.37	14.40	76	17.42	20.45	23.47	26.50	29.52
2.36	5.38	8.41	11.43	14.46	78	17.48	20.51	23.53	26.56	29.58
2.42	5.45	8.47	11.50	14.52	80	17.55	20.57	23.60	26.62	29.65
2.48	5.51	8.53	11.56	14.58	82	17.61	20.63	23.66	26.68	29.71
2.54	5.57	8.59	11.62	14.64	84	17.67	20.69	23.72	26.74	29.77
2.60	5.63	8.65	11.68	14.70	86	17.73	20.75	23.78	26.80	29.83
2.66	5.69	8.71	11.74	14.76	88	17.79	20.81	23.84	26.86	29.89
2.72	5.75	8.77	11.80	14.82	90	17.85	20.87	23.90	26.92	29.95
2.78	5.81	8.83	11.86	14.88	92	17.91	20.93	23.96	26.98	30.01
2.84	5.87	8.89	11.92	14.94	94	17.97	20.99	24.02	27.04	30.07
2.90	5.93	8.95	11.98	15.00	96	18.03	21.05	24.08	27.10	30.13
2.96	5.99	9.01	12.04	15.06	98	18.09	21.11	24.14	27.16	30.19

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
30.25	60.50	90.75	121.00		151.25	181.50	211.75	242.00	272.2
302.50	332.75	363.00	393.25	423.50	453.75	484.00	514.25	544.50	574.75
605.00	635.25	665.50	695.75	726.00	756.25	786.50	816.75	847.00	877.25

\$30

\$31

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	3.05	6.10	9.15	12.20		15.25	18.30	21.35	24.40	27.45
.12	3.11	6.16	9.21	12.26	2	15.31	18.36	21.41	24.46	27.51
.18	3.17	6.22	9.27	12.32	4	15.37	18.42	21.47	24.52	27.57
.24	3.23	6.28	9.33	12.38	6	15.43	18.48	21.53	24.58	27.63
.31	3.29	6.34	9.39	12.44	8	15.49	18.54	21.59	24.64	27.69
.37	3.36	6.41	9.46	12.51	10	15.56	18.61	21.66	24.71	27.76
.43	3.42	6.47	9.52	12.57	12	15.62	18.67	21.72	24.77	27.82
.49	3.48	6.53	9.58	12.63	14	15.68	18.73	21.78	24.83	27.88
.55	3.54	6.59	9.64	12.69	16	15.74	18.79	21.84	24.89	27.94
.61	3.60	6.65	9.70	12.75	18	15.80	18.85	21.90	24.95	28.00
.67	3.66	6.71	9.76	12.81	20	15.86	18.91	21.96	25.01	28.06
.73	3.72	6.77	9.82	12.87	22	15.92	18.97	22.02	25.07	28.12
.79	3.78	6.83	9.88	12.93	24	15.98	19.03	22.08	25.13	28.18
.85	3.84	6.89	9.94	12.99	26	16.04	19.09	22.14	25.19	28.24
.92	3.90	6.95	10.00	13.05	28	16.10	19.15	22.20	25.25	28.30
.98	3.97	7.02	10.07	13.12	30	16.17	19.22	22.27	25.32	28.37
1.04	4.03	7.08	10.13	13.18	32	16.23	19.28	22.33	25.38	28.43
1.10	4.09	7.14	10.19	13.24	34	16.29	19.34	22.39	25.44	28.49
1.16	4.15	7.20	10.25	13.30	36	16.35	19.40	22.45	25.50	28.55
1.22	4.21	7.26	10.31	13.36	38	16.41	19.46	22.51	25.56	28.61
1.28	4.27	7.32	10.37	13.42	40	16.47	19.52	22.57	25.62	28.67
1.34	4.33	7.38	10.43	13.48	42	16.53	19.58	22.63	25.68	28.73
1.40	4.39	7.44	10.49	13.54	44	16.59	19.64	22.69	25.74	28.79
1.46	4.45	7.50	10.55	13.60	46	16.65	19.70	22.75	25.80	28.85
1.53	4.51	7.56	10.61	13.66	48	16.71	19.76	22.81	25.86	28.91
1.59	4.58	7.63	10.68	13.73	50	16.78	19.83	22.88	25.93	28.98

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.59	4.64	7.69	10.74	13.79	52	16.84	19.89	22.94	25.99	29.04
1.65	4.70	7.75	10.80	13.85	54	16.90	19.95	23.00	26.05	29.10
1.71	4.76	7.81	10.86	13.91	56	16.96	20.01	23.06	26.11	29.16
1.77	4.82	7.87	10.92	13.97	58	17.02	20.07	23.12	26.17	29.22
1.83	4.88	7.93	10.98	14.03	60	17.08	20.13	23.18	26.23	29.28
1.89	4.94	7.99	11.04	14.09	62	17.14	20.19	23.24	26.29	29.34
1.95	5.00	8.05	11.10	14.15	64	17.20	20.25	23.30	26.35	29.40
2.01	5.06	8.11	11.16	14.21	66	17.26	20.31	23.36	26.41	29.46
2.07	5.12	8.17	11.22	14.27	68	17.32	20.37	23.42	26.47	29.52
2.14	5.19	8.24	11.29	14.34	70	17.39	20.44	23.49	26.54	29.59
2.20	5.25	8.30	11.35	14.40	72	17.45	20.50	23.55	26.60	29.65
2.26	5.31	8.36	11.41	14.46	74	17.51	20.56	23.61	26.66	29.71
2.32	5.37	8.42	11.47	14.52	76	17.57	20.62	23.67	26.72	29.77
2.38	5.43	8.48	11.53	14.58	78	17.63	20.68	23.73	26.78	29.83
2.44	5.49	8.54	11.59	14.64	80	17.69	20.74	23.79	26.84	29.89
2.50	5.55	8.60	11.65	14.70	82	17.75	20.80	23.85	26.90	29.95
2.56	5.61	8.66	11.71	14.76	84	17.81	20.86	23.91	26.96	30.01
2.62	5.67	8.72	11.77	14.82	86	17.87	20.92	23.97	27.02	30.07
2.68	5.73	8.78	11.83	14.88	88	17.93	20.98	24.03	27.08	30.13
2.75	5.80	8.85	11.90	14.95	90	18.00	21.05	24.10	27.15	30.20
2.81	5.86	8.91	11.96	15.01	92	18.06	21.11	24.16	27.21	30.26
2.87	5.92	8.97	12.02	15.07	94	18.12	21.17	24.22	27.27	30.32
2.93	5.98	9.03	12.08	15.13	96	18.18	21.23	24.28	27.33	30.38
2.99	6.04	9.09	12.14	15.19	98	18.24	21.29	24.34	27.39	30.44

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
305.00	305.50	306.00	306.50	10	152.50	153.00	153.50	154.00	154.50
310.00	310.50	311.00	311.50	20	155.50	156.00	156.50	157.00	157.50
315.00	315.50	316.00	316.50	30	158.50	159.00	159.50	160.00	160.50
320.00	320.50	321.00	321.50	40	161.50	162.00	162.50	163.00	163.50
325.00	325.50	326.00	326.50	50	164.50	165.00	165.50	166.00	166.50
330.00	330.50	331.00	331.50	60	167.50	168.00	168.50	169.00	169.50
335.00	335.50	336.00	336.50	70	170.50	171.00	171.50	172.00	172.50
340.00	340.50	341.00	341.50	80	173.50	174.00	174.50	175.00	175.50
345.00	345.50	346.00	346.50	90	176.50	177.00	177.50	178.00	178.50
350.00	350.50	351.00	351.50	100	179.50	180.00	180.50	181.00	181.50



2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.08	6.15	9.23	12.30		15.38	18.45	21.53	24.60	27.68
.06	3.14	6.21	9.29	12.36	2	15.44	18.51	21.59	24.66	27.74
.12	3.20	6.27	9.35	12.42	4	15.50	18.57	21.65	24.72	27.80
.18	3.26	6.33	9.41	12.48	6	15.56	18.63	21.71	24.78	27.86
.25	3.32	6.40	9.47	12.55	8	15.62	18.70	21.77	24.85	27.92
.31	3.38	6.46	9.53	12.61	10	15.68	18.76	21.83	24.91	27.98
.37	3.44	6.52	9.59	12.67	12	15.74	18.82	21.89	24.97	28.04
.43	3.51	6.58	9.66	12.73	14	15.81	18.88	21.96	25.03	28.11
.49	3.57	6.64	9.72	12.79	16	15.87	18.94	22.02	25.09	28.17
.55	3.63	6.70	9.78	12.85	18	15.93	19.00	22.08	25.15	28.23
.62	3.69	6.77	9.84	12.92	20	15.99	19.07	22.14	25.22	28.29
.68	3.75	6.83	9.90	12.98	22	16.05	19.13	22.20	25.28	28.35
.74	3.81	6.89	9.96	13.04	24	16.11	19.19	22.26	25.34	28.41
.80	3.87	6.95	10.02	13.10	26	16.17	19.25	22.32	25.40	28.47
.86	3.94	7.01	10.09	13.16	28	16.24	19.31	22.39	25.46	28.54
.92	4.00	7.07	10.15	13.22	30	16.30	19.37	22.45	25.52	28.60
.98	4.06	7.13	10.21	13.28	32	16.36	19.43	22.51	25.58	28.66
1.05	4.12	7.20	10.27	13.35	34	16.42	19.50	22.57	25.65	28.72
1.11	4.18	7.26	10.33	13.41	36	16.48	19.56	22.63	25.71	28.78
1.17	4.24	7.32	10.39	13.47	38	16.54	19.62	22.69	25.77	28.84
1.23	4.31	7.38	10.46	13.53	40	16.61	19.68	22.76	25.83	28.91
1.29	4.37	7.44	10.52	13.59	42	16.67	19.74	22.82	25.89	28.97
1.35	4.43	7.50	10.58	13.65	44	16.73	19.80	22.88	25.95	29.03
1.41	4.49	7.56	10.64	13.71	46	16.79	19.86	22.94	26.01	29.09
1.48	4.55	7.63	10.70	13.78	48	16.85	19.93	23.00	26.08	29.15
1.54	4.61	7.69	10.76	13.84	50	16.91	19.99	23.06	26.14	29.21

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.60	4.67	7.75	10.82	13.90	52	16.97	20.05	23.12	26.20	29.27
1.66	4.74	7.81	10.89	13.96	54	17.04	20.11	23.19	26.26	29.34
1.72	4.80	7.87	10.95	14.02	56	17.10	20.17	23.25	26.32	29.40
1.78	4.86	7.93	11.01	14.08	58	17.16	20.23	23.31	26.38	29.46
1.85	4.92	8.00	11.07	14.15	60	17.22	20.30	23.37	26.45	29.52
1.91	4.98	8.06	11.13	14.21	62	17.28	20.36	23.43	26.51	29.58
1.97	5.04	8.12	11.19	14.27	64	17.34	20.42	23.49	26.57	29.64
2.03	5.10	8.18	11.25	14.33	66	17.40	20.48	23.55	26.63	29.70
2.09	5.17	8.24	11.32	14.39	68	17.47	20.54	23.62	26.69	29.77
2.15	5.23	8.30	11.38	14.45	70	17.53	20.60	23.68	26.75	29.83
2.21	5.29	8.36	11.44	14.51	72	17.59	20.66	23.74	26.81	29.89
2.28	5.35	8.43	11.50	14.58	74	17.65	20.73	23.80	26.88	29.95
2.34	5.41	8.49	11.56	14.64	76	17.71	20.79	23.86	26.94	30.01
2.40	5.47	8.55	11.62	14.70	78	17.77	20.85	23.92	27.00	30.07
2.46	5.54	8.61	11.69	14.76	80	17.84	20.91	23.99	27.06	30.14
2.52	5.60	8.67	11.75	14.82	82	17.90	20.97	24.05	27.12	30.20
2.58	5.66	8.73	11.81	14.88	84	17.96	21.03	24.11	27.18	30.26
2.64	5.72	8.79	11.87	14.94	86	18.02	21.09	24.17	27.24	30.32
2.71	5.78	8.86	11.93	15.01	88	18.08	21.16	24.23	27.31	30.38
2.77	5.84	8.92	11.99	15.07	90	18.14	21.22	24.29	27.37	30.44
2.83	5.90	8.98	12.05	15.13	92	18.20	21.28	24.35	27.43	30.50
2.89	5.97	9.04	12.12	15.19	94	18.27	21.34	24.42	27.49	30.57
2.95	6.03	9.10	12.18	15.25	96	18.33	21.40	24.48	27.55	30.63
3.01	6.09	9.16	12.24	15.31	98	18.39	21.46	24.54	27.61	30.69

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
30.75	61.50	92.25	123.00		153.75	184.50	215.25	246.00	276.75
307.50	338.25	369.00	399.75	430.50	461.25	492.00	522.75	553.50	584.25
615.00	645.75	676.50	707.25	738.00	768.75	799.50	830.25	861.00	891.75

2 to 95	100	200	300	400	feet	500	600	700	800	900
.06	3.10	6.20	9.30	12.40	2	15.50	18.60	21.70	24.80	27.90
.12	3.16	6.26	9.36	12.46	4	15.56	18.66	21.76	24.86	27.96
.19	3.22	6.32	9.42	12.52	6	15.62	18.72	21.82	24.92	28.02
.25	3.29	6.39	9.49	12.59	8	15.69	18.79	21.89	24.99	28.09
.31	3.35	6.45	9.55	12.65	10	15.75	18.85	21.95	25.05	28.15
.37	3.41	6.51	9.61	12.71	12	15.81	18.91	22.01	25.11	28.21
.43	3.47	6.57	9.67	12.77	14	15.87	18.97	22.07	25.17	28.27
.50	3.53	6.63	9.73	12.83	16	15.93	19.03	22.13	25.23	28.33
.56	3.60	6.70	9.80	12.90	18	16.00	19.10	22.20	25.30	28.40
.62	3.66	6.76	9.86	12.96	20	16.06	19.16	22.26	25.36	28.46
.68	3.72	6.82	9.92	13.02	22	16.12	19.22	22.32	25.42	28.52
.74	3.78	6.88	9.98	13.08	24	16.18	19.28	22.38	25.48	28.58
.81	3.84	6.94	10.04	13.14	26	16.24	19.34	22.44	25.54	28.64
.87	3.91	7.01	10.11	13.21	28	16.31	19.41	22.51	25.61	28.71
.93	3.97	7.07	10.17	13.27	30	16.37	19.47	22.57	25.67	28.77
.99	4.03	7.13	10.23	13.33	32	16.43	19.53	22.63	25.73	28.83
1.05	4.09	7.19	10.29	13.39	34	16.49	19.59	22.69	25.79	28.89
1.12	4.15	7.25	10.35	13.45	36	16.55	19.65	22.75	25.85	28.95
1.18	4.22	7.32	10.42	13.52	38	16.62	19.72	22.82	25.92	29.02
1.24	4.28	7.38	10.48	13.58	40	16.68	19.78	22.88	25.98	29.08
1.30	4.34	7.44	10.54	13.64	42	16.74	19.84	22.94	26.04	29.14
1.36	4.40	7.50	10.60	13.70	44	16.80	19.90	23.00	26.10	29.20
1.43	4.46	7.56	10.66	13.76	46	16.86	19.96	23.06	26.16	29.26
1.49	4.53	7.63	10.73	13.83	48	16.93	20.03	23.13	26.23	29.33
1.55	4.59	7.69	10.79	13.89	50	16.99	20.09	23.19	26.29	29.39
1.61	4.65	7.75	10.85	13.95	52	17.05	20.15	23.25	26.35	29.45
1.67	4.71	7.81	10.91	14.01	54	17.11	20.21	23.31	26.41	29.51
1.74	4.77	7.87	10.97	14.07	56	17.17	20.27	23.37	26.47	29.57
1.80	4.84	7.94	11.04	14.14	58	17.24	20.34	23.44	26.54	29.64
1.86	4.90	8.00	11.10	14.20	60	17.30	20.40	23.50	26.60	29.70
1.92	4.96	8.06	11.16	14.26	62	17.36	20.46	23.56	26.66	29.76
1.98	5.02	8.12	11.22	14.32	64	17.42	20.52	23.62	26.72	29.82
2.05	5.08	8.18	11.28	14.38	66	17.48	20.58	23.68	26.78	29.88
2.11	5.15	8.25	11.35	14.45	68	17.55	20.65	23.75	26.85	29.95
2.17	5.21	8.31	11.41	14.51	70	17.61	20.71	23.81	26.91	30.01
2.23	5.27	8.37	11.47	14.57	72	17.67	20.77	23.87	26.97	30.07
2.29	5.33	8.43	11.53	14.63	74	17.73	20.83	23.93	27.03	30.13
2.36	5.39	8.49	11.59	14.69	76	17.79	20.89	23.99	27.09	30.19
2.42	5.46	8.56	11.66	14.76	78	17.86	20.96	24.06	27.16	30.26
2.48	5.52	8.62	11.72	14.82	80	17.92	21.02	24.12	27.22	30.32
2.54	5.58	8.68	11.78	14.88	82	17.98	21.08	24.18	27.28	30.38
2.60	5.64	8.74	11.84	14.94	84	18.04	21.14	24.24	27.34	30.44
2.67	5.70	8.80	11.90	15.00	86	18.10	21.20	24.30	27.40	30.50
2.73	5.77	8.87	11.97	15.07	88	18.17	21.27	24.37	27.47	30.57
2.79	5.83	8.93	12.03	15.13	90	18.23	21.33	24.43	27.53	30.63
2.85	5.89	8.99	12.09	15.19	92	18.29	21.39	24.49	27.59	30.69
2.91	5.95	9.05	12.15	15.25	94	18.35	21.45	24.55	27.65	30.75
2.98	6.01	9.11	12.21	15.31	96	18.41	21.51	24.61	27.71	30.81
3.04	6.08	9.18	12.28	15.38	98	18.48	21.58	24.68	27.78	30.88
	6.14	9.24	12.34	15.44	98	18.54	21.64	24.74	27.84	30.94

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
310.00	31.00	62.00	93.00	124.00	155.00	186.00	217.00	248.00	279.00
320.00	341.00	372.00	403.00	434.00	465.00	496.00	527.00	558.00	589.00
330.00	651.00	682.00	713.00	744.00	775.00	806.00	837.00	868.00	899.00



Sto 95	100	200	300	400	feet	500	600	700	800	900
	3.13	6.25	9.38	12.50		15.63	18.75	21.88	25.00	28.13
.06	3.19	6.31	9.44	12.56	2	15.69	18.81	21.94	25.06	28.19
.13	3.25	6.38	9.50	12.63	4	15.75	18.88	22.00	25.13	28.25
.19	3.31	6.44	9.56	12.69	6	15.81	18.94	22.06	25.19	28.31
.25	3.38	6.50	9.63	12.75	8	15.88	19.00	22.13	25.25	28.38
.31	3.44	6.56	9.69	12.81	10	15.94	19.06	22.19	25.31	28.44
.38	3.50	6.63	9.75	12.88	12	16.00	19.13	22.25	25.38	28.50
.44	3.56	6.69	9.81	12.94	14	16.06	19.19	22.31	25.44	28.56
.50	3.63	6.75	9.88	13.00	16	16.13	19.25	22.38	25.50	28.63
.56	3.69	6.81	9.94	13.06	18	16.19	19.31	22.44	25.56	28.69
.63	3.75	6.88	10.00	13.13	20	16.25	19.38	22.50	25.63	28.75
.69	3.81	6.94	10.06	13.19	22	16.31	19.44	22.56	25.69	28.81
.75	3.88	7.00	10.13	13.25	24	16.38	19.50	22.63	25.75	28.88
.81	3.94	7.06	10.19	13.31	26	16.44	19.56	22.69	25.81	28.94
.88	4.00	7.13	10.25	13.38	28	16.50	19.63	22.75	25.88	29.00
.94	4.06	7.19	10.31	13.44	30	16.56	19.69	22.81	25.94	29.06
1.00	4.13	7.25	10.38	13.50	32	16.63	19.75	22.88	26.00	29.13
1.06	4.19	7.31	10.44	13.56	34	16.69	19.81	22.94	26.06	29.19
1.13	4.25	7.38	10.50	13.63	36	16.75	19.88	23.00	26.13	29.25
1.19	4.31	7.44	10.56	13.69	38	16.81	19.94	23.06	26.19	29.31
1.25	4.38	7.50	10.63	13.75	40	16.88	20.00	23.13	26.25	29.38
1.31	4.44	7.56	10.69	13.81	42	16.94	20.06	23.19	26.31	29.44
1.38	4.50	7.63	10.75	13.88	44	17.00	20.13	23.25	26.38	29.50
1.44	4.56	7.69	10.81	13.94	46	17.06	20.19	23.31	26.44	29.56
1.50	4.63	7.75	10.88	14.00	48	17.13	20.25	23.38	26.50	29.63
1.56	4.69	7.81	10.94	14.06	50	17.19	20.31	23.44	26.56	29.69
2 to 98	100	200	300	400	feet	500	600	700	800	900
1.63	4.75	7.88	11.00	14.13	52	17.25	20.38	23.50	26.63	29.75
1.69	4.81	7.94	11.06	14.19	54	17.31	20.44	23.56	26.69	29.81
1.75	4.88	8.00	11.13	14.25	56	17.38	20.50	23.63	26.75	29.88
1.81	4.94	8.06	11.19	14.31	58	17.44	20.56	23.69	26.81	29.94
1.88	5.00	8.13	11.25	14.38	60	17.50	20.63	23.75	26.88	30.00
1.94	5.06	8.19	11.31	14.44	62	17.56	20.69	23.81	26.94	30.06
2.00	5.13	8.25	11.38	14.50	64	17.63	20.75	23.88	27.00	30.13
2.06	5.19	8.31	11.44	14.56	66	17.69	20.81	23.94	27.06	30.19
2.13	5.25	8.38	11.50	14.63	68	17.75	20.88	24.00	27.13	30.25
2.19	5.31	8.44	11.56	14.69	70	17.81	20.94	24.06	27.19	30.31
2.25	5.38	8.50	11.63	14.75	72	17.88	21.00	24.13	27.25	30.38
2.31	5.44	8.56	11.69	14.81	74	17.94	21.06	24.19	27.31	30.44
2.38	5.50	8.63	11.75	14.88	76	18.00	21.13	24.25	27.38	30.50
2.44	5.56	8.69	11.81	14.94	78	18.06	21.19	24.31	27.44	30.56
2.50	5.63	8.75	11.88	15.00	80	18.13	21.25	24.38	27.50	30.63
2.56	5.69	8.81	11.94	15.06	82	18.19	21.31	24.44	27.56	30.69
2.63	5.75	8.88	12.00	15.13	84	18.25	21.38	24.50	27.63	30.75
2.69	5.81	8.94	12.06	15.19	86	18.31	21.44	24.56	27.69	30.81
2.75	5.88	9.00	12.13	15.25	88	18.38	21.50	24.63	27.75	30.88
2.81	5.94	9.06	12.19	15.31	90	18.44	21.56	24.69	27.81	30.94
2.88	6.00	9.13	12.25	15.38	92	18.50	21.63	24.75	27.88	31.00
2.94	6.06	9.19	12.31	15.44	94	18.56	21.69	24.81	27.94	31.06
3.00	6.13	9.25	12.38	15.50	96	18.63	21.75	24.88	28.00	31.13
3.06	6.19	9.31	12.44	15.56	98	18.69	21.81	24.94	28.06	31.19

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
81.25	82.50	93.75	125.00		158.25	187.50	218.75	250.00	281.25
812.50	843.75	375.00	405.25	437.50	468.75	500.00	531.25	562.50	593.75
625.00	656.25	687.50	718.75	750.00	781.25	812.50	843.75	875.00	906.25

2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	3.15	6.30	9.45	12.60	2	15.75	18.90	22.05	25.20	28.35
.13	3.21	6.36	9.51	12.66	4	15.81	18.96	22.11	25.26	28.41
.19	3.28	6.43	9.58	12.73	6	15.88	19.03	22.18	25.33	28.48
.25	3.34	6.49	9.64	12.79	8	15.94	19.09	22.24	25.39	28.54
.32	3.40	6.55	9.70	12.85	10	16.00	19.15	22.30	25.45	28.60
.38	3.47	6.62	9.77	12.92	12	16.07	19.22	22.37	25.52	28.67
.44	3.53	6.68	9.83	12.98	14	16.13	19.28	22.43	25.58	28.73
.50	3.59	6.74	9.89	13.04	16	16.19	19.34	22.49	25.64	28.79
.57	3.65	6.80	9.95	13.10	18	16.25	19.40	22.55	25.70	28.85
.63	3.72	6.87	10.02	13.17	20	16.32	19.47	22.62	25.77	28.92
.69	3.78	6.93	10.08	13.23	22	16.38	19.53	22.68	25.83	28.98
.76	3.84	6.99	10.14	13.29	24	16.44	19.59	22.74	25.89	29.04
.82	3.91	7.06	10.21	13.36	26	16.51	19.66	22.81	25.96	29.11
.88	3.97	7.12	10.27	13.42	28	16.57	19.72	22.87	26.02	29.17
.95	4.03	7.18	10.33	13.48	30	16.63	19.78	22.93	26.08	29.23
1.01	4.10	7.25	10.40	13.55	32	16.70	19.85	23.00	26.15	29.30
1.07	4.16	7.31	10.46	13.61	34	16.76	19.91	23.06	26.21	29.36
1.13	4.22	7.37	10.52	13.67	36	16.82	19.97	23.12	26.27	29.42
1.20	4.28	7.43	10.58	13.73	38	16.88	20.03	23.18	26.33	29.48
1.26	4.35	7.50	10.65	13.80	40	16.95	20.10	23.25	26.40	29.55
1.32	4.41	7.56	10.71	13.86	42	17.01	20.16	23.31	26.46	29.61
1.39	4.47	7.62	10.77	13.92	44	17.07	20.22	23.37	26.52	29.67
1.45	4.54	7.69	10.84	13.99	46	17.14	20.29	23.44	26.59	29.74
1.51	4.60	7.75	10.90	14.05	48	17.20	20.35	23.50	26.65	29.80
1.58	4.66	7.81	10.96	14.11	50	17.26	20.41	23.56	26.71	29.86
1.64	4.73	7.88	11.03	14.18	52	17.33	20.48	23.63	26.78	29.93
1.70	4.79	7.94	11.09	14.24	54	17.39	20.54	23.69	26.84	29.99
1.76	4.85	8.00	11.15	14.30	56	17.45	20.60	23.75	26.90	30.05
1.83	4.91	8.06	11.21	14.36	58	17.51	20.66	23.81	26.96	30.11
1.89	4.98	8.13	11.28	14.43	60	17.58	20.73	23.88	27.03	30.18
1.95	5.04	8.19	11.34	14.49	62	17.64	20.79	23.94	27.09	30.24
2.02	5.10	8.25	11.40	14.55	64	17.70	20.85	24.00	27.15	30.30
2.08	5.17	8.32	11.47	14.62	66	17.77	20.92	24.07	27.22	30.37
2.14	5.23	8.38	11.53	14.68	68	17.83	20.98	24.13	27.28	30.43
2.21	5.29	8.44	11.59	14.74	70	17.89	21.04	24.19	27.34	30.49
2.27	5.36	8.51	11.66	14.81	72	17.96	21.11	24.26	27.41	30.56
2.33	5.42	8.57	11.72	14.87	74	18.02	21.17	24.32	27.47	30.62
2.39	5.48	8.63	11.78	14.93	76	18.08	21.23	24.38	27.53	30.68
2.46	5.54	8.69	11.84	14.99	78	18.14	21.29	24.44	27.59	30.74
2.52	5.61	8.76	11.91	15.06	80	18.21	21.36	24.51	27.66	30.81
2.58	5.67	8.82	11.97	15.12	82	18.27	21.42	24.57	27.72	30.87
2.65	5.73	8.88	12.03	15.18	84	18.33	21.48	24.63	27.78	30.93
2.71	5.80	8.95	12.10	15.25	86	18.40	21.55	24.70	27.85	31.00
2.77	5.86	9.01	12.16	15.31	88	18.46	21.61	24.76	27.91	31.06
2.84	5.92	9.07	12.22	15.37	90	18.52	21.67	24.82	27.97	31.12
2.90	5.99	9.14	12.29	15.44	92	18.59	21.74	24.89	28.04	31.19
2.96	6.05	9.20	12.35	15.50	94	18.65	21.80	24.95	28.10	31.25
3.02	6.11	9.26	12.41	15.56	96	18.71	21.86	25.01	28.16	31.31
3.09	6.17	9.32	12.47	15.62	98	18.77	21.92	25.07	28.22	31.37
3.15	6.24	9.39	12.54	15.69	100	18.84	21.99	25.14	28.29	31.44

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
31.50	63.00	94.50	126.00	157.50	189.00	220.50	252.00	283.50	
315.00	345.50	378.00	409.50	441.00	472.50	504.00	535.50	567.00	598.50
630.00	661.50	693.00	724.50	756.00	787.50	819.00	850.50	882.00	913.50



2 to 98	100	200	300	400	feet	500	600	700	800	900
.06	3.18	6.35	9.53	12.70		15.88	19.05	22.23	25.40	28.58
.13	3.24	6.41	9.59	12.76	2	15.94	19.11	22.29	25.46	28.64
.19	3.30	6.48	9.65	12.83	4	16.00	19.18	22.35	25.53	28.70
.25	3.37	6.54	9.72	12.89	6	16.07	19.24	22.42	25.59	28.77
.32	3.43	6.60	9.78	12.95	8	16.13	19.30	22.48	25.65	28.83
.38	3.49	6.67	9.84	13.02	10	16.19	19.37	22.54	25.72	28.89
.44	3.56	6.73	9.91	13.08	12	16.26	19.43	22.61	25.78	28.96
.51	3.62	6.79	9.97	13.14	14	16.32	19.49	22.67	25.84	29.02
.57	3.68	6.86	10.03	13.21	16	16.38	19.56	22.73	25.91	29.08
.64	3.75	6.92	10.10	13.27	18	16.45	19.62	22.80	25.97	29.15
.70	3.81	6.99	10.16	13.34	20	16.51	19.69	22.86	26.04	29.21
.76	3.87	7.05	10.22	13.40	22	16.57	19.75	22.92	26.10	29.27
.83	3.94	7.11	10.29	13.46	24	16.64	19.81	22.99	26.16	29.34
.89	4.00	7.18	10.35	13.53	26	16.70	19.88	23.05	26.23	29.40
.95	4.06	7.24	10.41	13.59	28	16.76	19.94	23.11	26.29	29.46
1.02	4.13	7.30	10.48	13.65	30	16.83	20.00	23.18	26.35	29.53
1.08	4.19	7.37	10.54	13.72	32	16.89	20.07	23.24	26.42	29.59
1.14	4.25	7.43	10.60	13.78	34	16.95	20.13	23.30	26.48	29.65
1.21	4.32	7.49	10.67	13.84	36	17.02	20.19	23.37	26.54	29.72
1.27	4.38	7.56	10.73	13.91	38	17.08	20.26	23.43	26.61	29.78
1.33	4.45	7.62	10.80	13.97	40	17.15	20.32	23.50	26.67	29.85
1.40	4.51	7.68	10.86	14.03	42	17.21	20.38	23.56	26.73	29.91
1.46	4.57	7.75	10.92	14.10	44	17.27	20.45	23.62	26.80	29.97
1.52	4.64	7.81	10.99	14.16	46	17.34	20.51	23.69	26.86	30.04
1.59	4.70	7.87	11.05	14.22	48	17.40	20.57	23.75	26.92	30.10
	4.76	7.94	11.11	14.29	50	17.46	20.64	23.81	26.99	30.16

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.65	4.83	8.00	11.18	14.35	52	17.53	20.70	23.88	27.05	30.23
1.71	4.89	8.06	11.24	14.41	54	17.59	20.76	23.94	27.11	30.29
1.78	4.95	8.13	11.30	14.48	56	17.65	20.83	24.00	27.18	30.35
1.84	5.02	8.19	11.37	14.54	58	17.72	20.89	24.07	27.24	30.42
1.91	5.08	8.26	11.43	14.61	60	17.78	20.96	24.13	27.31	30.48
1.97	5.14	8.32	11.49	14.67	62	17.84	21.02	24.19	27.37	30.54
2.03	5.21	8.38	11.56	14.73	64	17.91	21.08	24.26	27.43	30.61
2.10	5.27	8.45	11.62	14.80	66	17.97	21.15	24.32	27.50	30.67
2.16	5.33	8.51	11.68	14.86	68	18.03	21.21	24.38	27.56	30.73
2.22	5.40	8.57	11.75	14.92	70	18.10	21.27	24.45	27.62	30.80
2.29	5.46	8.64	11.81	14.99	72	18.16	21.34	24.51	27.69	30.86
2.35	5.52	8.70	11.87	15.05	74	18.22	21.40	24.57	27.75	30.92
2.41	5.59	8.76	11.94	15.11	76	18.29	21.46	24.64	27.81	30.99
2.48	5.65	8.83	12.00	15.18	78	18.35	21.53	24.70	27.88	31.05
2.54	5.72	8.89	12.07	15.24	80	18.42	21.59	24.77	27.94	31.12
2.60	5.78	8.95	12.13	15.30	82	18.48	21.65	24.83	28.00	31.18
2.67	5.84	9.02	12.19	15.37	84	18.54	21.72	24.89	28.07	31.24
2.73	5.91	9.08	12.26	15.43	86	18.61	21.78	24.96	28.13	31.31
2.79	5.97	9.14	12.32	15.49	88	18.67	21.84	25.02	28.19	31.37
2.86	6.03	9.21	12.38	15.56	90	18.73	21.91	25.08	28.26	31.43
2.92	6.10	9.27	12.45	15.62	92	18.80	21.97	25.15	28.32	31.50
2.98	6.16	9.33	12.51	15.68	94	18.86	22.03	25.21	28.38	31.56
3.05	6.22	9.40	12.57	15.75	96	18.92	22.10	25.27	28.45	31.62
3.11	6.29	9.46	12.64	15.81	98	18.99	22.16	25.34	28.51	31.69

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
31.75	63.50	95.25	127.00		158.75	190.50	222.25	254.00	285.75
317.50	349.25	381.00	412.75	10	476.25	508.00	539.75	571.50	603.25
635.00	666.75	698.50	730.25	20	793.75	825.50	857.25	889.00	920.75

2 to 98	100	200	300	400 feet	500	600	700	800	900
.06	3.20	6.40	9.60	12.80	2	16.00	19.20	22.40	25.60
.13	3.26	6.46	9.66	12.86	4	16.06	19.26	22.46	25.66
.19	3.33	6.53	9.73	12.93	6	16.13	19.33	22.53	25.73
.26	3.39	6.59	9.79	12.99	8	16.19	19.39	22.59	25.79
.32	3.46	6.66	9.86	13.06	10	16.26	19.46	22.66	25.86
.38	3.52	6.72	9.92	13.12	12	16.32	19.52	22.72	25.92
.45	3.58	6.78	9.98	13.18	14	16.38	19.58	22.78	25.98
.51	3.65	6.85	10.05	13.25	16	16.45	19.65	22.85	26.05
.58	3.71	6.91	10.11	13.31	18	16.51	19.71	22.91	26.11
.64	3.78	6.98	10.18	13.38	20	16.58	19.78	22.98	26.18
.70	3.84	7.04	10.24	13.44	22	16.64	19.84	23.04	26.24
.77	3.90	7.10	10.30	13.50	24	16.70	19.90	23.10	26.30
.83	3.97	7.17	10.37	13.57	26	16.77	19.97	23.17	26.37
.90	4.03	7.23	10.43	13.63	28	16.83	20.03	23.23	26.43
.96	4.10	7.30	10.50	13.70	30	16.90	20.10	23.30	26.50
1.02	4.16	7.36	10.56	13.76	32	16.96	20.16	23.36	26.56
1.09	4.22	7.42	10.62	13.82	34	17.02	20.22	23.42	26.62
1.15	4.29	7.49	10.69	13.89	36	17.09	20.29	23.49	26.69
1.22	4.35	7.55	10.75	13.95	38	17.15	20.35	23.55	26.75
1.28	4.42	7.62	10.82	14.02	40	17.22	20.42	23.62	26.82
1.34	4.48	7.68	10.88	14.08	42	17.28	20.48	23.68	26.88
1.41	4.54	7.74	10.94	14.14	44	17.34	20.54	23.74	26.94
1.47	4.61	7.81	11.01	14.21	46	17.41	20.61	23.81	27.01
1.54	4.67	7.87	11.07	14.27	48	17.47	20.67	23.87	27.07
1.60	4.74	7.94	11.14	14.34	50	17.54	20.74	23.94	27.14
1.66	4.80	8.00	11.20	14.40	52	17.60	20.80	24.00	27.20

2 to 98	100	200	300	400 feet	500	600	700	800	900
1.66	4.86	8.06	11.26	14.46	54	17.66	20.86	24.06	27.26
1.73	4.93	8.13	11.33	14.53	56	17.73	20.93	24.13	27.33
1.79	4.99	8.19	11.39	14.59	58	17.79	20.99	24.19	27.39
1.86	5.06	8.26	11.46	14.66	60	17.86	21.06	24.26	27.46
1.92	5.12	8.32	11.52	14.72	62	17.92	21.12	24.32	27.52
1.98	5.18	8.38	11.58	14.78	64	17.98	21.18	24.38	27.58
2.05	5.25	8.45	11.65	14.85	66	18.05	21.25	24.45	27.65
2.11	5.31	8.51	11.71	14.91	68	18.11	21.31	24.51	27.71
2.18	5.38	8.58	11.78	14.98	70	18.18	21.38	24.58	27.78
2.24	5.44	8.64	11.84	15.04	72	18.24	21.44	24.64	27.84
2.30	5.50	8.70	11.90	15.10	74	18.30	21.50	24.70	27.90
2.37	5.57	8.77	11.97	15.17	76	18.37	21.57	24.77	27.97
2.43	5.63	8.83	12.03	15.23	78	18.43	21.63	24.83	28.03
2.50	5.70	8.90	12.10	15.30	80	18.50	21.70	24.90	28.10
2.56	5.76	8.96	12.16	15.36	82	18.56	21.76	24.96	28.16
2.62	5.82	9.02	12.22	15.42	84	18.62	21.82	25.02	28.22
2.69	5.89	9.09	12.29	15.49	86	18.69	21.89	25.09	28.29
2.75	5.95	9.15	12.35	15.55	88	18.75	21.95	25.15	28.35
2.82	6.02	9.22	12.42	15.62	90	18.82	22.02	25.22	28.42
2.88	6.08	9.28	12.48	15.68	92	18.88	22.08	25.28	28.48
2.94	6.14	9.34	12.54	15.74	94	18.94	22.14	25.34	28.54
3.01	6.21	9.41	12.61	15.81	96	19.01	22.21	25.41	28.61
3.07	6.27	9.47	12.67	15.87	98	19.07	22.27	25.47	28.67
3.14	6.34	9.54	12.74	15.94		19.14	22.34	25.54	28.74

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
32.00	64.00	96.00	128.00	10	160.00	192.00	224.00	256.00	288.00
320.00	352.00	384.00	416.00	10	480.00	512.00	544.00	576.00	608.00
640.00	672.00	704.00	736.00	20	800.00	832.00	864.00	896.00	928.00



to 98	100	200	300	400	feet	500	600	700	800	900
.06	3.23	6.45	9.68	12.90	2	16.13	19.35	22.58	25.80	29.03
.13	3.29	6.51	9.74	12.96	4	16.19	19.41	22.64	25.86	29.09
.19	3.35	6.58	9.80	13.03	6	16.25	19.48	22.70	25.93	29.15
.26	3.42	6.64	9.87	13.09	8	16.32	19.54	22.77	25.99	29.22
.32	3.48	6.71	9.93	13.16	10	16.38	19.61	22.83	26.06	29.28
.39	3.55	6.77	10.00	13.22	12	16.45	19.67	22.90	26.12	29.35
.45	3.61	6.84	10.06	13.29	14	16.51	19.74	22.96	26.19	29.41
.52	3.68	6.90	10.13	13.35	16	16.58	19.80	23.03	26.25	29.48
.58	3.74	6.97	10.19	13.42	18	16.64	19.87	23.09	26.32	29.54
.65	3.81	7.03	10.26	13.48	20	16.71	19.93	23.16	26.38	29.61
.71	3.87	7.10	10.32	13.55	22	16.77	20.00	23.22	26.45	29.67
.77	3.93	7.16	10.38	13.61	24	16.83	20.06	23.28	26.51	29.73
.84	4.00	7.22	10.45	13.67	26	16.90	20.12	23.35	26.57	29.80
.90	4.06	7.29	10.51	13.74	28	16.96	20.19	23.41	26.64	29.86
.97	4.13	7.35	10.58	13.80	30	17.03	20.25	23.48	26.70	29.93
1.03	4.19	7.42	10.64	13.87	32	17.09	20.32	23.54	26.77	29.99
1.10	4.26	7.48	10.71	13.93	34	17.16	20.38	23.61	26.83	30.06
1.16	4.32	7.55	10.77	14.00	36	17.22	20.45	23.67	26.90	30.12
1.23	4.39	7.61	10.84	14.06	38	17.29	20.51	23.74	26.96	30.19
1.29	4.45	7.68	10.90	14.13	40	17.35	20.58	23.80	27.03	30.25
1.35	4.52	7.74	10.97	14.19	42	17.42	20.64	23.87	27.09	30.32
1.42	4.58	7.80	11.03	14.25	44	17.48	20.70	23.93	27.15	30.38
1.48	4.64	7.87	11.09	14.32	46	17.54	20.77	23.99	27.22	30.44
1.55	4.71	7.93	11.16	14.38	48	17.61	20.83	24.06	27.28	30.51
1.61	4.77	8.00	11.22	14.45	50	17.67	20.90	24.12	27.35	30.57
1.68	4.84	8.06	11.29	14.51	52	17.74	20.96	24.19	27.41	30.64

to 98	100	200	300	400	feet	500	600	700	800	900
1.68	4.90	8.13	11.35	14.58	52	17.80	21.03	24.25	27.48	30.70
1.74	4.97	8.19	11.42	14.64	54	17.87	21.09	24.32	27.54	30.77
1.81	5.03	8.26	11.48	14.71	56	17.93	21.16	24.38	27.61	30.83
1.87	5.10	8.32	11.55	14.77	58	18.00	21.22	24.45	27.67	30.90
1.94	5.16	8.39	11.61	14.84	60	18.06	21.29	24.51	27.74	30.96
2.00	5.22	8.45	11.67	14.90	62	18.12	21.35	24.57	27.80	31.02
2.06	5.29	8.51	11.74	14.96	64	18.19	21.41	24.64	27.86	31.09
2.13	5.35	8.58	11.80	15.03	66	18.25	21.48	24.70	27.93	31.15
2.19	5.42	8.64	11.87	15.09	68	18.32	21.54	24.77	27.99	31.22
2.26	5.48	8.71	11.93	15.16	70	18.38	21.61	24.83	28.06	31.28
2.32	5.55	8.77	12.00	15.22	72	18.45	21.67	24.90	28.12	31.35
2.39	5.61	8.84	12.06	15.29	74	18.51	21.74	24.96	28.19	31.41
2.45	5.68	8.90	12.13	15.35	76	18.58	21.80	25.03	28.25	31.48
2.52	5.74	8.97	12.19	15.42	78	18.64	21.87	25.09	28.32	31.54
2.58	5.81	9.03	12.26	15.48	80	18.71	21.93	25.16	28.38	31.61
2.64	5.87	9.09	12.32	15.54	82	18.77	21.99	25.22	28.44	31.67
2.71	5.93	9.16	12.38	15.61	84	18.83	22.06	25.28	28.51	31.73
2.77	6.00	9.22	12.45	15.67	86	18.90	22.12	25.35	28.57	31.80
2.84	6.06	9.29	12.51	15.74	88	18.96	22.19	25.41	28.64	31.86
2.90	6.13	9.35	12.58	15.80	90	19.03	22.25	25.48	28.70	31.93
2.97	6.19	9.42	12.64	15.87	92	19.09	22.32	25.54	28.77	31.99
3.03	6.26	9.48	12.71	15.93	94	19.16	22.38	25.61	28.83	32.06
3.10	6.32	9.55	12.77	16.00	96	19.22	22.45	25.67	28.90	32.12
3.16	6.39	9.61	12.84	16.06	98	19.29	22.51	25.74	28.96	32.19

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
32.25	64.50	96.75	129.00	10	181.25	193.50	225.75	258.00	290.25
322.50	354.75	387.00	419.25	10	483.75	516.00	548.25	580.50	612.75
645.00	677.25	709.50	741.75	20	806.25	838.50	870.75	903.00	935.25

\$32

\$33

\$34

\$35

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\$37

\$38

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\$40

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.25	6.50	9.75	13.00		16.25	19.50	22.75	26.00	29.25
.07	3.32	6.57	9.82	13.07	2	16.32	19.57	22.82	26.07	29.32
.13	3.38	6.63	9.88	13.13	4	16.38	19.63	22.88	26.13	29.38
.20	3.45	6.70	9.95	13.20	6	16.45	19.70	22.95	26.20	29.45
.26	3.51	6.76	10.01	13.26	8	16.51	19.76	23.01	26.26	29.51
.33	3.58	6.83	10.08	13.33	10	16.58	19.83	23.08	26.33	29.58
.39	3.64	6.89	10.14	13.39	12	16.64	19.89	23.14	26.39	29.64
.46	3.71	6.96	10.21	13.46	14	16.71	19.96	23.21	26.46	29.71
.52	3.77	7.02	10.27	13.52	16	16.77	20.02	23.27	26.52	29.77
.59	3.84	7.09	10.34	13.59	18	16.84	20.09	23.34	26.59	29.84
.65	3.90	7.15	10.40	13.65	20	16.90	20.15	23.40	26.65	29.90
.72	3.97	7.22	10.47	13.72	22	16.97	20.22	23.47	26.72	29.97
.78	4.03	7.28	10.53	13.78	24	17.03	20.28	23.53	26.78	30.03
.85	4.10	7.35	10.60	13.85	26	17.10	20.35	23.60	26.85	30.10
.91	4.16	7.41	10.66	13.91	28	17.16	20.41	23.66	26.91	30.16
.98	4.23	7.48	10.73	13.98	30	17.23	20.48	23.73	26.98	30.23
1.04	4.29	7.54	10.79	14.04	32	17.29	20.54	23.79	27.04	30.29
1.11	4.36	7.61	10.86	14.11	34	17.36	20.61	23.86	27.11	30.36
1.17	4.42	7.67	10.92	14.17	36	17.42	20.67	23.92	27.17	30.42
1.24	4.49	7.74	10.99	14.24	38	17.49	20.74	23.99	27.24	30.49
1.30	4.55	7.80	11.05	14.30	40	17.55	20.80	24.05	27.30	30.55
1.37	4.62	7.87	11.12	14.37	42	17.62	20.87	24.12	27.37	30.62
1.43	4.68	7.93	11.18	14.43	44	17.68	20.93	24.18	27.43	30.68
1.50	4.75	8.00	11.25	14.50	46	17.75	21.00	24.25	27.50	30.75
1.56	4.81	8.06	11.31	14.56	48	17.81	21.06	24.31	27.56	30.81
1.63	4.88	8.13	11.38	14.63	50	17.88	21.13	24.38	27.63	30.88
2 to 98	100	200	300	400	feet	500	600	700	800	900
1.69	4.94	8.19	11.44	14.69	52	17.94	21.19	24.44	27.69	30.94
1.76	5.01	8.26	11.51	14.76	54	18.01	21.26	24.51	27.76	31.01
1.82	5.07	8.32	11.57	14.82	56	18.07	21.32	24.57	27.82	31.07
1.89	5.14	8.39	11.64	14.89	58	18.14	21.39	24.64	27.89	31.14
1.95	5.20	8.45	11.70	14.95	60	18.20	21.45	24.70	27.95	31.20
2.02	5.27	8.52	11.77	15.02	62	18.27	21.52	24.77	28.02	31.27
2.08	5.33	8.58	11.83	15.08	64	18.33	21.58	24.83	28.08	31.33
2.15	5.40	8.65	11.90	15.15	66	18.40	21.65	24.90	28.15	31.40
2.21	5.46	8.71	11.96	15.21	68	18.46	21.71	24.96	28.21	31.46
2.28	5.53	8.78	12.03	15.28	70	18.53	21.78	25.03	28.28	31.53
2.34	5.59	8.84	12.09	15.34	72	18.59	21.84	25.09	28.34	31.59
2.41	5.66	8.91	12.16	15.41	74	18.66	21.91	25.16	28.41	31.66
2.47	5.72	8.97	12.22	15.47	76	18.72	21.97	25.22	28.47	31.72
2.54	5.79	9.04	12.29	15.54	78	18.79	22.04	25.29	28.54	31.79
2.60	5.85	9.10	12.35	15.60	80	18.85	22.10	25.35	28.60	31.85
2.67	5.92	9.17	12.42	15.67	82	18.92	22.17	25.42	28.67	31.92
2.73	5.98	9.23	12.48	15.73	84	18.98	22.23	25.48	28.73	31.98
2.80	6.05	9.30	12.55	15.80	86	19.05	22.30	25.55	28.80	32.05
2.86	6.11	9.36	12.61	15.86	88	19.11	22.36	25.61	28.86	32.11
2.93	6.18	9.43	12.68	15.93	90	19.18	22.43	25.68	28.93	32.18
2.99	6.24	9.49	12.74	15.99	92	19.24	22.49	25.74	28.99	32.24
3.06	6.31	9.56	12.81	16.06	94	19.31	22.56	25.81	29.06	32.31
3.12	6.37	9.62	12.87	16.12	96	19.37	22.62	25.87	29.12	32.37
3.19	6.44	9.69	12.94	16.19	98	19.44	22.69	25.94	29.19	32.44

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
82.50	65.00	97.50	130.00		102.50	195.00	227.50	260.00	292.50
325.00	357.50	390.00	422.50	10	487.50	520.00	552.50	585.00	617.50
650.00	682.50	715.00	747.50	20	812.50	845.00	877.50	910.00	942.50



2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.28	6.55	9.83	13.10		16.38	19.65	22.93	26.20	29.48
.07	3.34	6.62	9.89	13.17	2	16.44	19.72	22.99	26.27	29.54
.13	3.41	6.68	9.96	13.23	4	16.51	19.78	23.06	26.33	29.61
.20	3.47	6.75	10.02	13.30	6	16.57	19.85	23.12	26.40	29.67
.26	3.54	6.81	10.09	13.36	8	16.64	19.91	23.19	26.46	29.74
.33	3.60	6.88	10.15	13.43	10	16.70	19.98	23.25	26.53	29.80
.39	3.67	6.94	10.22	13.49	12	16.77	20.04	23.32	26.59	29.87
.46	3.73	7.01	10.28	13.56	14	16.83	20.11	23.38	26.66	29.93
.52	3.80	7.07	10.35	13.62	16	16.90	20.17	23.45	26.72	30.00
.59	3.86	7.14	10.41	13.69	18	16.96	20.24	23.51	26.79	30.06
.66	3.93	7.21	10.48	13.76	20	17.03	20.31	23.58	26.86	30.13
.72	4.00	7.27	10.55	13.82	22	17.10	20.37	23.65	26.92	30.20
.79	4.06	7.34	10.61	13.89	24	17.16	20.44	23.71	26.99	30.26
.85	4.13	7.40	10.68	13.95	26	17.23	20.50	23.78	27.05	30.33
.92	4.19	7.47	10.74	14.02	28	17.29	20.57	23.84	27.12	30.39
.98	4.26	7.53	10.81	14.08	30	17.36	20.63	23.91	27.18	30.46
1.05	4.32	7.60	10.87	14.15	32	17.42	20.70	23.97	27.25	30.52
1.11	4.39	7.66	10.94	14.21	34	17.49	20.76	24.04	27.31	30.59
1.18	4.45	7.73	11.00	14.28	36	17.55	20.83	24.10	27.38	30.65
1.24	4.52	7.79	11.07	14.34	38	17.62	20.89	24.17	27.44	30.72
1.31	4.59	7.86	11.14	14.41	40	17.69	20.96	24.24	27.51	30.79
1.38	4.65	7.93	11.20	14.48	42	17.75	21.03	24.30	27.58	30.85
1.44	4.72	7.99	11.27	14.54	44	17.82	21.09	24.37	27.64	30.92
1.51	4.78	8.06	11.33	14.61	46	17.88	21.16	24.43	27.71	30.98
1.57	4.85	8.12	11.40	14.67	48	17.95	21.22	24.50	27.77	31.05
1.64	4.91	8.19	11.46	14.74	50	18.01	21.29	24.56	27.84	31.11

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.70	4.98	8.25	11.53	14.80	52	18.08	21.35	24.63	27.90	31.18
1.77	5.04	8.32	11.59	14.87	54	18.14	21.42	24.69	27.97	31.24
1.83	5.11	8.38	11.66	14.93	56	18.21	21.48	24.76	28.03	31.31
1.90	5.17	8.45	11.72	15.00	58	18.27	21.55	24.82	28.10	31.37
1.97	5.24	8.52	11.79	15.07	60	18.34	21.62	24.89	28.17	31.44
2.03	5.31	8.58	11.86	15.13	62	18.41	21.68	24.96	28.23	31.51
2.10	5.37	8.65	11.92	15.20	64	18.47	21.75	25.02	28.30	31.57
2.16	5.44	8.71	11.99	15.26	66	18.54	21.81	25.09	28.36	31.64
2.23	5.50	8.78	12.05	15.33	68	18.60	21.88	25.15	28.43	31.70
2.29	5.57	8.84	12.12	15.39	70	18.67	21.94	25.22	28.49	31.77
2.36	5.63	8.91	12.18	15.46	72	18.73	22.01	25.28	28.56	31.83
2.42	5.70	8.97	12.25	15.52	74	18.80	22.07	25.35	28.62	31.90
2.49	5.76	9.04	12.32	15.59	76	18.86	22.14	25.42	28.69	31.96
2.55	5.83	9.10	12.38	15.65	78	18.93	22.20	25.48	28.75	32.03
2.62	5.90	9.17	12.45	15.72	80	19.00	22.27	25.55	28.82	32.10
2.69	5.96	9.24	12.51	15.79	82	19.06	22.34	25.61	28.89	32.16
2.75	6.03	9.30	12.58	15.85	84	19.13	22.40	25.68	28.95	32.23
2.82	6.09	9.37	12.64	15.92	86	19.19	22.47	25.74	29.02	32.29
2.88	6.16	9.43	12.71	15.98	88	19.26	22.53	25.81	29.08	32.36
2.95	6.22	9.50	12.77	16.05	90	19.32	22.60	25.87	29.15	32.42
3.01	6.29	9.56	12.84	16.11	92	19.39	22.66	25.94	29.21	32.49
3.08	6.35	9.63	12.90	16.18	94	19.45	22.73	26.00	29.28	32.55
3.14	6.42	9.69	12.97	16.24	96	19.52	22.79	26.07	29.34	32.62
3.21	6.48	9.76	13.03	16.31	98	19.58	22.86	26.13	29.41	32.68

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
32.75	65.50	98.25	131.00		163.75	196.50	229.25	262.00	294.75
327.50	360.25	393.00	425.75	458.50	10	491.25	524.00	556.75	589.50
655.00	687.75	720.50	753.25	786.00	20	818.75	851.50	884.25	917.00

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\$52

\$53

2 to 98	100	200	300	400 feet	500	600	700	800	900	
	3.30	6.60	9.90	13.20		16.50	19.80	23.10	26.40	29.70
.07	3.37	6.67	9.97	13.27	2	16.57	19.87	23.17	26.47	29.77
.13	3.43	6.73	10.03	13.33	4	16.63	19.93	23.23	26.53	29.83
.20	3.50	6.80	10.10	13.40	6	16.70	20.00	23.30	26.60	29.90
.26	3.56	6.86	10.16	13.46	8	16.76	20.06	23.36	26.66	29.96
.33	3.63	6.93	10.23	13.53	10	16.83	20.13	23.43	26.73	30.03
.40	3.70	7.00	10.30	13.60	12	16.90	20.20	23.50	26.80	30.10
.46	3.76	7.06	10.36	13.66	14	16.96	20.26	23.56	26.86	30.16
.53	3.83	7.13	10.43	13.73	16	17.03	20.33	23.63	26.93	30.23
.59	3.89	7.19	10.49	13.79	18	17.09	20.39	23.69	26.99	30.29
.66	3.96	7.26	10.56	13.86	20	17.16	20.46	23.76	27.06	30.36
.73	4.03	7.33	10.63	13.93	22	17.23	20.53	23.83	27.13	30.43
.79	4.09	7.39	10.69	13.99	24	17.29	20.59	23.89	27.19	30.49
.86	4.16	7.46	10.76	14.06	26	17.36	20.66	23.96	27.26	30.56
.92	4.22	7.52	10.82	14.12	28	17.42	20.72	24.02	27.32	30.62
.99	4.29	7.59	10.89	14.19	30	17.49	20.79	24.09	27.39	30.69
1.06	4.36	7.66	10.96	14.26	32	17.56	20.86	24.16	27.46	30.76
1.12	4.42	7.72	11.02	14.32	34	17.62	20.92	24.22	27.52	30.82
1.19	4.49	7.79	11.09	14.39	36	17.69	20.99	24.29	27.59	30.89
1.25	4.55	7.85	11.15	14.45	38	17.75	21.05	24.35	27.65	30.95
1.32	4.62	7.92	11.22	14.52	40	17.82	21.12	24.42	27.72	31.02
1.39	4.69	7.99	11.29	14.59	42	17.89	21.19	24.49	27.79	31.09
1.45	4.75	8.05	11.35	14.65	44	17.95	21.25	24.55	27.85	31.15
1.52	4.82	8.12	11.42	14.72	46	18.02	21.32	24.62	27.92	31.22
1.58	4.88	8.18	11.48	14.78	48	18.08	21.38	24.68	27.98	31.28
1.65	4.95	8.25	11.55	14.85	50	18.15	21.45	24.75	28.05	31.35

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.72	5.02	8.32	11.62	14.92	52	18.22	21.52	24.82	28.12	31.42
1.78	5.08	8.38	11.68	14.98	54	18.28	21.58	24.88	28.18	31.48
1.85	5.15	8.45	11.75	15.05	56	18.35	21.65	24.95	28.25	31.55
1.91	5.21	8.51	11.81	15.11	58	18.41	21.71	25.01	28.31	31.61
1.98	5.28	8.58	11.88	15.18	60	18.48	21.78	25.08	28.38	31.68
2.05	5.35	8.65	11.95	15.25	62	18.55	21.85	25.15	28.45	31.75
2.11	5.41	8.71	12.01	15.31	64	18.61	21.91	25.21	28.51	31.81
2.18	5.48	8.78	12.08	15.38	66	18.68	21.98	25.28	28.58	31.88
2.24	5.54	8.84	12.14	15.44	68	18.74	22.04	25.34	28.64	31.94
2.31	5.61	8.91	12.21	15.51	70	18.81	22.11	25.41	28.71	32.01
2.38	5.68	8.98	12.28	15.58	72	18.88	22.18	25.48	28.78	32.08
2.44	5.74	9.04	12.34	15.64	74	18.94	22.24	25.54	28.84	32.14
2.51	5.81	9.11	12.41	15.71	76	19.01	22.31	25.61	28.91	32.21
2.57	5.87	9.17	12.47	15.77	78	19.07	22.37	25.67	28.97	32.27
2.64	5.94	9.24	12.54	15.84	80	19.14	22.44	25.74	29.04	32.34
2.71	6.01	9.31	12.61	15.91	82	19.21	22.51	25.81	29.11	32.41
2.77	6.07	9.37	12.67	15.97	84	19.27	22.57	25.87	29.17	32.47
2.84	6.14	9.44	12.74	16.04	86	19.34	22.64	25.94	29.24	32.54
2.90	6.20	9.50	12.80	16.10	88	19.40	22.70	26.00	29.30	32.60
2.97	6.27	9.57	12.87	16.17	90	19.47	22.77	26.07	29.37	32.67
3.04	6.34	9.64	12.94	16.24	92	19.54	22.84	26.14	29.44	32.74
3.10	6.40	9.70	13.00	16.30	94	19.60	22.90	26.20	29.50	32.80
3.17	6.47	9.77	13.07	16.37	96	19.67	22.97	26.27	29.57	32.87
3.23	6.53	9.83	13.13	16.43	98	19.73	23.03	26.33	29.63	32.93

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
33.00	66.00	99.00	132.00		165.00	198.00	231.00	264.00	297.00
330.00	363.00	396.00	429.00	462.00	495.00	528.00	561.00	594.00	627.00
660.00	693.00	726.00	759.00	792.00	825.00	858.00	891.00	924.00	957.00



2 to 95	100	200	300	400 feet	500	600	700	800	900
.07	3.33	6.65	9.98	13.30	16.63	19.95	23.28	26.60	29.93
.13	3.39	6.72	10.04	13.37	16.69	20.02	23.34	26.67	29.99
.20	3.46	6.78	10.11	13.43	16.76	20.08	23.41	26.73	30.06
.27	3.52	6.85	10.17	13.50	16.82	20.15	23.47	26.80	30.12
.33	3.59	6.92	10.24	13.57	16.89	20.22	23.54	26.87	30.19
.40	3.66	6.98	10.31	13.63	16.96	20.28	23.61	26.93	30.26
.47	3.72	7.05	10.37	13.70	17.02	20.35	23.67	27.00	30.32
.53	3.79	7.12	10.44	13.77	17.09	20.42	23.74	27.07	30.39
.60	3.86	7.18	10.51	13.83	17.16	20.48	23.81	27.13	30.46
.67	3.92	7.25	10.57	13.90	17.22	20.55	23.87	27.20	30.52
.73	3.99	7.32	10.64	13.97	17.29	20.62	23.94	27.27	30.59
.80	4.06	7.38	10.71	14.03	17.36	20.68	24.01	27.33	30.66
.86	4.12	7.45	10.77	14.10	17.42	20.75	24.07	27.40	30.72
.93	4.19	7.51	10.84	14.16	17.49	20.81	24.14	27.46	30.79
1.00	4.26	7.58	10.91	14.23	17.56	20.88	24.21	27.53	30.86
1.06	4.32	7.65	10.97	14.30	17.62	20.95	24.27	27.60	30.92
1.13	4.39	7.71	11.04	14.36	17.69	21.01	24.34	27.66	30.99
1.20	4.46	7.78	11.11	14.43	17.76	21.08	24.41	27.73	31.06
1.26	4.52	7.85	11.17	14.50	17.82	21.15	24.47	27.80	31.12
1.33	4.59	7.91	11.24	14.56	17.89	21.21	24.54	27.86	31.19
1.40	4.66	7.98	11.31	14.63	17.96	21.28	24.61	27.93	31.26
1.46	4.72	8.05	11.37	14.70	18.02	21.35	24.67	28.00	31.32
1.53	4.79	8.11	11.44	14.76	18.09	21.41	24.74	28.06	31.39
1.60	4.85	8.18	11.50	14.83	18.15	21.48	24.80	28.13	31.45
1.66	4.92	8.25	11.57	14.90	18.22	21.55	24.87	28.20	31.52
1.73	4.99	8.31	11.64	14.96	18.29	21.61	24.94	28.26	31.59

2 to 95	100	200	300	400 feet	500	600	700	800	900	
1.73	5.05	8.38	11.70	15.03	52	18.35	21.68	25.00	28.33	31.65
1.80	5.12	8.45	11.77	15.10	54	18.42	21.75	25.07	28.40	31.72
1.86	5.19	8.51	11.84	15.16	56	18.49	21.81	25.14	28.46	31.79
1.93	5.25	8.58	11.90	15.23	58	18.55	21.88	25.20	28.53	31.85
2.00	5.32	8.65	11.97	15.30	60	18.62	21.95	25.27	28.60	31.92
2.06	5.39	8.71	12.04	15.36	62	18.69	22.01	25.34	28.66	31.99
2.13	5.45	8.78	12.10	15.43	64	18.75	22.08	25.40	28.73	32.05
2.19	5.52	8.84	12.17	15.49	66	18.82	22.14	25.47	28.79	32.12
2.26	5.59	8.91	12.24	15.56	68	18.89	22.21	25.54	28.86	32.19
2.33	5.65	8.98	12.30	15.63	70	18.95	22.28	25.60	28.93	32.25
2.39	5.72	9.04	12.37	15.69	72	19.02	22.34	25.67	28.99	32.32
2.46	5.79	9.11	12.44	15.76	74	19.09	22.41	25.74	29.06	32.39
2.53	5.85	9.18	12.50	15.83	76	19.15	22.48	25.80	29.13	32.45
2.59	5.92	9.24	12.57	15.89	78	19.22	22.54	25.87	29.19	32.52
2.66	5.99	9.31	12.64	15.96	80	19.29	22.61	25.94	29.26	32.59
2.73	6.05	9.38	12.70	16.03	82	19.35	22.68	26.00	29.33	32.65
2.79	6.12	9.44	12.77	16.09	84	19.42	22.74	26.07	29.39	32.72
2.86	6.18	9.51	12.83	16.16	86	19.48	22.81	26.13	29.46	32.78
2.93	6.25	9.58	12.90	16.23	88	19.55	22.88	26.20	29.53	32.85
2.99	6.32	9.64	12.97	16.29	90	19.62	22.94	26.27	29.59	32.92
3.06	6.38	9.71	13.03	16.36	92	19.68	23.01	26.33	29.66	32.98
3.13	6.45	9.78	13.10	16.43	94	19.75	23.08	26.40	29.73	33.05
3.19	6.52	9.84	13.17	16.49	96	19.82	23.14	26.47	29.79	33.12
3.26	6.58	9.91	13.23	16.56	98	19.88	23.21	26.53	29.86	33.18

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
33.25	66.50	99.75	133.00	10	166.25	199.50	232.75	266.00	299.25
332.50	365.75	399.00	432.25	465.50	498.75	532.00	565.25	598.50	631.75
665.00	698.25	731.50	764.75	798.00	831.25	864.50	897.75	931.00	964.25

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.35	6.70	10.05	13.40		16.75	20.10	23.45	26.80	30.15
.13	3.42	6.77	10.12	13.47	2	16.82	20.17	23.52	26.87	30.22
.20	3.48	6.83	10.18	13.53	4	16.88	20.23	23.58	26.93	30.28
.27	3.55	6.90	10.25	13.60	6	16.95	20.30	23.65	27.00	30.35
.34	3.62	6.97	10.32	13.67	8	17.02	20.37	23.72	27.07	30.42
.40	3.69	7.04	10.39	13.74	10	17.09	20.44	23.79	27.14	30.49
.47	3.75	7.10	10.45	13.80	12	17.15	20.50	23.85	27.20	30.55
.54	3.82	7.17	10.52	13.87	14	17.22	20.57	23.92	27.27	30.62
.60	3.89	7.24	10.59	13.94	16	17.29	20.64	23.99	27.34	30.69
.67	3.95	7.30	10.65	14.00	18	17.35	20.70	24.05	27.40	30.75
.74	4.02	7.37	10.72	14.07	20	17.42	20.77	24.12	27.47	30.82
.80	4.09	7.44	10.79	14.14	22	17.49	20.84	24.19	27.54	30.89
.87	4.15	7.50	10.85	14.20	24	17.55	20.90	24.25	27.60	30.95
.94	4.22	7.57	10.92	14.27	26	17.62	20.97	24.32	27.67	31.02
1.01	4.29	7.64	10.99	14.34	28	17.69	21.04	24.39	27.74	31.09
1.07	4.36	7.71	11.06	14.41	30	17.76	21.11	24.46	27.81	31.16
1.14	4.42	7.77	11.12	14.47	32	17.82	21.17	24.52	27.87	31.22
1.21	4.49	7.84	11.19	14.54	34	17.89	21.24	24.59	27.94	31.29
1.27	4.56	7.91	11.26	14.61	36	17.96	21.31	24.66	28.01	31.36
1.34	4.62	7.97	11.32	14.67	38	18.02	21.37	24.72	28.07	31.42
1.41	4.69	8.04	11.39	14.74	40	18.09	21.44	24.79	28.14	31.49
1.47	4.76	8.11	11.46	14.81	42	18.16	21.51	24.86	28.21	31.56
1.54	4.82	8.17	11.52	14.87	44	18.22	21.57	24.92	28.27	31.62
1.61	4.89	8.24	11.59	14.94	46	18.29	21.64	24.99	28.34	31.69
1.68	4.96	8.31	11.66	15.01	48	18.36	21.71	25.06	28.41	31.76
1.74	5.03	8.38	11.73	15.08	50	18.43	21.78	25.13	28.48	31.83

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.74	5.09	8.44	11.79	15.14	52	18.49	21.84	25.19	28.54	31.89
1.81	5.16	8.51	11.86	15.21	54	18.56	21.91	25.26	28.61	31.96
1.88	5.23	8.58	11.93	15.28	56	18.63	21.98	25.33	28.68	32.03
1.94	5.29	8.64	11.99	15.34	58	18.69	22.04	25.39	28.74	32.09
2.01	5.36	8.71	12.06	15.41	60	18.76	22.11	25.46	28.81	32.16
2.08	5.43	8.78	12.13	15.48	62	18.83	22.18	25.53	28.88	32.23
2.14	5.49	8.84	12.19	15.54	64	18.89	22.24	25.59	28.94	32.29
2.21	5.56	8.91	12.26	15.61	66	18.96	22.31	25.66	29.01	32.36
2.28	5.63	8.98	12.33	15.68	68	19.03	22.38	25.73	29.08	32.43
2.35	5.70	9.05	12.40	15.75	70	19.10	22.45	25.80	29.15	32.50
2.41	5.76	9.11	12.46	15.81	72	19.16	22.51	25.86	29.21	32.56
2.48	5.83	9.18	12.53	15.88	74	19.23	22.58	25.93	29.28	32.63
2.55	5.90	9.25	12.60	15.95	76	19.30	22.65	26.00	29.35	32.70
2.61	5.96	9.31	12.66	16.01	78	19.36	22.71	26.06	29.41	32.76
2.68	6.03	9.38	12.73	16.08	80	19.43	22.78	26.13	29.48	32.83
2.75	6.10	9.45	12.80	16.15	82	19.50	22.85	26.20	29.55	32.90
2.81	6.16	9.51	12.86	16.21	84	19.56	22.91	26.26	29.61	32.96
2.88	6.23	9.58	12.93	16.28	86	19.63	22.98	26.33	29.68	33.03
2.95	6.30	9.65	13.00	16.35	88	19.70	23.05	26.40	29.75	33.10
3.02	6.37	9.72	13.07	16.42	90	19.77	23.12	26.47	29.82	33.17
3.08	6.43	9.78	13.13	16.48	92	19.83	23.18	26.53	29.88	33.23
3.15	6.50	9.85	13.20	16.55	94	19.90	23.25	26.60	29.95	33.30
3.22	6.57	9.92	13.27	16.62	96	19.97	23.32	26.67	30.02	33.37
3.28	6.63	9.98	13.33	16.68	98	20.03	23.38	26.73	30.08	33.43

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
335.00	368.50	402.00	435.50	469.00	10	167.50	201.00	234.50	268.00
469.00	503.50	537.00	570.50	604.00	20	503.50	537.00	570.50	604.00
604.00	638.50	672.00	705.50	739.00	30	837.50	871.00	904.50	938.00
739.00	773.50	807.00	840.50	874.00	40	1171.50	1205.00	1238.50	1272.00



\$3.37½ Per 100

\$33.75 Per M.

115

2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.38	6.75	10.13	13.50		16.88	20.25	23.63	27.00	30.38
.07	3.44	6.82	10.19	13.57	2	16.94	20.32	23.69	27.07	30.44
.14	3.51	6.89	10.26	13.64	4	17.01	20.39	23.76	27.14	30.51
.20	3.58	6.95	10.33	13.70	6	17.08	20.45	23.83	27.20	30.58
.27	3.65	7.02	10.40	13.77	8	17.15	20.52	23.90	27.27	30.65
.34	3.71	7.09	10.46	13.84	10	17.21	20.59	23.96	27.34	30.71
.41	3.78	7.16	10.53	13.91	12	17.28	20.66	24.03	27.41	30.78
.47	3.85	7.22	10.60	13.97	14	17.35	20.72	24.10	27.47	30.85
.54	3.92	7.29	10.67	14.04	16	17.42	20.79	24.17	27.54	30.92
.61	3.98	7.36	10.73	14.11	18	17.48	20.86	24.23	27.61	30.98
.68	4.05	7.43	10.80	14.18	20	17.55	20.93	24.30	27.68	31.05
.74	4.12	7.49	10.87	14.24	22	17.62	20.99	24.37	27.74	31.12
.81	4.19	7.56	10.94	14.31	24	17.69	21.06	24.44	27.81	31.19
.88	4.25	7.63	11.00	14.38	26	17.75	21.13	24.50	27.88	31.25
.95	4.32	7.70	11.07	14.45	28	17.82	21.20	24.57	27.95	31.32
1.01	4.39	7.76	11.14	14.51	30	17.89	21.26	24.64	28.01	31.39
1.08	4.46	7.83	11.21	14.58	32	17.96	21.33	24.71	28.08	31.46
1.15	4.52	7.90	11.27	14.65	34	18.02	21.40	24.77	28.15	31.52
1.22	4.59	7.97	11.34	14.72	36	18.09	21.47	24.84	28.22	31.59
1.28	4.66	8.03	11.41	14.78	38	18.16	21.53	24.91	28.28	31.66
1.35	4.73	8.10	11.48	14.85	40	18.23	21.60	24.98	28.35	31.73
1.42	4.79	8.17	11.54	14.92	42	18.29	21.67	25.04	28.42	31.79
1.49	4.86	8.24	11.61	14.99	44	18.36	21.74	25.11	28.49	31.86
1.55	4.93	8.30	11.68	15.05	46	18.43	21.80	25.18	28.55	31.93
1.62	5.00	8.37	11.75	15.12	48	18.50	21.87	25.25	28.62	32.00
1.69	5.06	8.44	11.81	15.19	50	18.56	21.94	25.31	28.69	32.06

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.76	5.13	8.51	11.88	15.26	52	18.63	22.01	25.38	28.76	32.13
1.82	5.20	8.57	11.95	15.32	54	18.70	22.07	25.45	28.82	32.20
1.89	5.27	8.64	12.02	15.39	56	18.77	22.14	25.52	28.89	32.27
1.96	5.33	8.71	12.08	15.46	58	18.83	22.21	25.58	28.96	32.33
2.03	5.40	8.78	12.15	15.53	60	18.90	22.28	25.65	29.03	32.40
2.09	5.47	8.84	12.22	15.59	62	18.97	22.34	25.72	29.09	32.47
2.16	5.54	8.91	12.29	15.66	64	19.04	22.41	25.79	29.16	32.54
2.23	5.60	8.98	12.35	15.73	66	19.10	22.48	25.85	29.23	32.60
2.30	5.67	9.05	12.42	15.80	68	19.17	22.55	25.92	29.30	32.67
2.36	5.74	9.11	12.49	15.86	70	19.24	22.61	25.99	29.36	32.74
2.43	5.81	9.18	12.56	15.93	72	19.31	22.68	26.06	29.43	32.81
2.50	5.87	9.25	12.62	16.00	74	19.37	22.75	26.12	29.50	32.87
2.57	5.94	9.32	12.69	16.07	76	19.44	22.82	26.19	29.57	32.94
2.63	6.01	9.38	12.76	16.13	78	19.51	22.88	26.26	29.63	33.01
2.70	6.08	9.45	12.83	16.20	80	19.58	22.95	26.33	29.70	33.08
2.77	6.14	9.52	12.89	16.27	82	19.64	23.02	26.39	29.77	33.14
2.84	6.21	9.59	12.96	16.34	84	19.71	23.09	26.46	29.84	33.21
2.90	6.28	9.65	13.03	16.40	86	19.78	23.15	26.53	29.90	33.28
2.97	6.35	9.72	13.10	16.47	88	19.85	23.22	26.60	29.97	33.35
3.04	6.41	9.79	13.16	16.54	90	19.91	23.29	26.66	30.04	33.41
3.11	6.48	9.86	13.23	16.61	92	19.98	23.36	26.73	30.11	33.48
3.17	6.55	9.92	13.30	16.67	94	20.05	23.42	26.80	30.17	33.55
3.24	6.62	9.99	13.37	16.74	96	20.12	23.49	26.87	30.24	33.62
3.31	6.68	10.06	13.43	16.81	98	20.18	23.56	26.93	30.31	33.68

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
33.75	67.50	101.25	135.00		168.75	202.50	236.25	270.00	303.75
337.50	371.25	405.00	438.75	472.50	506.25	540.00	573.75	607.50	641.25
675.00	708.75	742.50	776.25	810.00	843.75	877.50	911.25	945.00	978.75

\$54

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.40	6.80	10.20	13.60	2	17.00	20.40	23.80	27.20	30.60
.14	3.47	6.87	10.27	13.67	4	17.07	20.47	23.87	27.27	30.67
.20	3.54	6.94	10.34	13.74	6	17.14	20.54	23.94	27.34	30.74
.27	3.60	7.00	10.40	13.80	8	17.20	20.60	24.00	27.40	30.80
.34	3.67	7.07	10.47	13.87	10	17.27	20.67	24.07	27.47	30.87
.41	3.74	7.14	10.54	13.94	12	17.34	20.74	24.14	27.54	30.94
.48	3.81	7.21	10.61	14.01	14	17.41	20.81	24.21	27.61	31.01
.54	3.88	7.28	10.68	14.08	16	17.48	20.88	24.28	27.68	31.08
.61	3.94	7.34	10.74	14.14	18	17.54	20.94	24.34	27.74	31.14
.68	4.01	7.41	10.81	14.21	20	17.61	21.01	24.41	27.81	31.21
.75	4.08	7.48	10.88	14.28	22	17.68	21.08	24.48	27.88	31.28
.82	4.15	7.55	10.95	14.35	24	17.75	21.15	24.55	27.95	31.35
.88	4.22	7.62	11.02	14.42	26	17.82	21.22	24.62	28.02	31.42
.95	4.28	7.68	11.08	14.48	28	17.88	21.28	24.68	28.08	31.48
1.02	4.35	7.75	11.15	14.55	30	17.95	21.35	24.75	28.15	31.55
1.09	4.42	7.82	11.22	14.62	32	18.02	21.42	24.82	28.22	31.62
1.16	4.49	7.89	11.29	14.69	34	18.09	21.49	24.89	28.29	31.69
1.22	4.56	7.96	11.36	14.76	36	18.16	21.56	24.96	28.36	31.76
1.29	4.62	8.02	11.42	14.82	38	18.22	21.62	25.02	28.42	31.82
1.36	4.69	8.09	11.49	14.89	40	18.29	21.69	25.09	28.49	31.89
1.43	4.76	8.16	11.56	14.96	42	18.36	21.76	25.16	28.56	31.96
1.50	4.83	8.23	11.63	15.03	44	18.43	21.83	25.23	28.63	32.03
1.56	4.90	8.30	11.70	15.10	46	18.50	21.90	25.30	28.70	32.10
1.63	4.96	8.36	11.76	15.16	48	18.56	21.96	25.36	28.76	32.16
1.70	5.03	8.43	11.83	15.23	50	18.63	22.03	25.43	28.83	32.23
1.70	5.10	8.50	11.90	15.30	50	18.70	22.10	25.50	28.90	32.30

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.77	5.17	8.57	11.97	15.37	52	18.77	22.17	25.57	28.97	32.37
1.84	5.24	8.64	12.04	15.44	54	18.84	22.24	25.64	29.04	32.44
1.90	5.30	8.70	12.10	15.50	56	18.90	22.30	25.70	29.10	32.50
1.97	5.37	8.77	12.17	15.57	58	18.97	22.37	25.77	29.17	32.57
2.04	5.44	8.84	12.24	15.64	60	19.04	22.44	25.84	29.24	32.64
2.11	5.51	8.91	12.31	15.71	62	19.11	22.51	25.91	29.31	32.71
2.18	5.58	8.98	12.38	15.78	64	19.18	22.58	25.98	29.38	32.78
2.24	5.64	9.04	12.44	15.84	66	19.24	22.64	26.04	29.44	32.84
2.31	5.71	9.11	12.51	15.91	68	19.31	22.71	26.11	29.51	32.91
2.38	5.78	9.18	12.58	15.98	70	19.38	22.78	26.18	29.58	32.98
2.45	5.85	9.25	12.65	16.05	72	19.45	22.85	26.25	29.65	33.05
2.52	5.92	9.32	12.72	16.12	74	19.52	22.92	26.32	29.72	33.12
2.58	5.98	9.38	12.78	16.18	76	19.58	22.98	26.38	29.78	33.18
2.65	6.05	9.45	12.85	16.25	78	19.65	23.05	26.45	29.85	33.25
2.72	6.12	9.52	12.92	16.32	80	19.72	23.12	26.52	29.92	33.32
2.79	6.19	9.59	12.99	16.39	82	19.79	23.19	26.59	29.99	33.39
2.86	6.26	9.66	13.06	16.46	84	19.86	23.26	26.66	30.06	33.46
2.92	6.32	9.72	13.12	16.52	86	19.92	23.32	26.72	30.12	33.52
2.99	6.39	9.79	13.19	16.59	88	19.99	23.39	26.79	30.19	33.59
3.06	6.46	9.86	13.26	16.66	90	20.06	23.46	26.86	30.26	33.66
3.13	6.53	9.93	13.33	16.73	92	20.13	23.53	26.93	30.33	33.73
3.20	6.60	10.00	13.40	16.80	94	20.20	23.60	27.00	30.40	33.80
3.26	6.66	10.06	13.46	16.86	96	20.26	23.66	27.06	30.46	33.86
3.33	6.73	10.13	13.53	16.93	98	20.33	23.73	27.13	30.53	33.93

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
34.00	68.00	102.00	136.00	10	170.00	204.00	238.00	272.00	306.00
340.00	374.00	408.00	442.00	10	510.00	544.00	578.00	612.00	646.00
680.00	714.00	748.00	782.00	20	850.00	884.00	918.00	952.00	986.00



\$3.42½ Per 100

\$34.25 Per M.

117

2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.43	6.85	10.28	13.70		17.13	20.55	23.98	27.40	30.83
.07	3.49	6.92	10.34	13.77	2	17.19	20.62	24.04	27.47	30.89
.14	3.56	6.99	10.41	13.84	4	17.26	20.69	24.11	27.54	30.96
.21	3.63	7.06	10.48	13.91	6	17.33	20.76	24.18	27.61	31.03
.27	3.70	7.12	10.55	13.97	8	17.40	20.82	24.25	27.67	31.10
.34	3.77	7.19	10.62	14.04	10	17.47	20.89	24.32	27.74	31.17
.41	3.84	7.26	10.69	14.11	12	17.54	20.96	24.39	27.81	31.24
.48	3.90	7.33	10.75	14.18	14	17.60	21.03	24.45	27.88	31.30
.55	3.97	7.40	10.82	14.25	16	17.67	21.10	24.52	27.95	31.37
.62	4.04	7.47	10.89	14.32	18	17.74	21.17	24.59	28.02	31.44
.69	4.11	7.54	10.96	14.39	20	17.81	21.24	24.66	28.09	31.51
.75	4.18	7.60	11.03	14.45	22	17.88	21.30	24.73	28.15	31.58
.82	4.25	7.67	11.10	14.52	24	17.95	21.37	24.80	28.22	31.65
.89	4.32	7.74	11.17	14.59	26	18.02	21.44	24.87	28.29	31.72
.96	4.38	7.81	11.23	14.66	28	18.08	21.51	24.93	28.36	31.78
1.03	4.45	7.88	11.30	14.73	30	18.15	21.58	25.00	28.43	31.85
1.10	4.52	7.95	11.37	14.80	32	18.22	21.65	25.07	28.50	31.92
1.16	4.59	8.01	11.44	14.86	34	18.29	21.71	25.14	28.56	31.99
1.23	4.66	8.08	11.51	14.93	36	18.36	21.78	25.21	28.63	32.06
1.30	4.73	8.15	11.58	15.00	38	18.43	21.85	25.28	28.70	32.13
1.37	4.80	8.22	11.65	15.07	40	18.50	21.92	25.35	28.77	32.20
1.44	4.86	8.29	11.71	15.14	42	18.56	21.99	25.41	28.84	32.26
1.51	4.93	8.36	11.78	15.21	44	18.63	22.06	25.48	28.91	32.33
1.58	5.00	8.43	11.85	15.28	46	18.70	22.13	25.55	28.98	32.40
1.64	5.07	8.49	11.92	15.34	48	18.77	22.19	25.62	29.04	32.47
1.71	5.14	8.56	11.99	15.41	50	18.84	22.26	25.69	29.11	32.54

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.78	5.21	8.63	12.06	15.48	52	18.91	22.33	25.76	29.18	32.61
1.85	5.27	8.70	12.12	15.55	54	18.97	22.40	25.82	29.25	32.67
1.92	5.34	8.77	12.19	15.62	56	19.04	22.47	25.89	29.32	32.74
1.99	5.41	8.84	12.26	15.69	58	19.11	22.54	25.96	29.39	32.81
2.06	5.48	8.91	12.33	15.76	60	19.18	22.61	26.03	29.46	32.88
2.12	5.55	8.97	12.40	15.82	62	19.25	22.67	26.10	29.52	32.95
2.19	5.62	9.04	12.47	15.89	64	19.32	22.74	26.17	29.59	33.02
2.26	5.69	9.11	12.54	15.96	66	19.39	22.81	26.24	29.66	33.09
2.33	5.75	9.18	12.60	16.03	68	19.45	22.88	26.30	29.73	33.15
2.40	5.82	9.25	12.67	16.10	70	19.52	22.95	26.37	29.80	33.22
2.47	5.89	9.32	12.74	16.17	72	19.59	23.02	26.44	29.87	33.29
2.53	5.96	9.38	12.81	16.23	74	19.66	23.08	26.51	29.93	33.36
2.60	6.03	9.45	12.88	16.30	76	19.73	23.15	26.58	30.00	33.43
2.67	6.10	9.52	12.95	16.37	78	19.80	23.22	26.65	30.07	33.50
2.74	6.17	9.59	13.02	16.44	80	19.87	23.29	26.72	30.14	33.57
2.81	6.23	9.66	13.08	16.51	82	19.93	23.36	26.78	30.21	33.63
2.88	6.30	9.73	13.15	16.58	84	20.00	23.43	26.85	30.28	33.70
2.95	6.37	9.78	13.22	16.65	86	20.07	23.48	26.92	30.35	33.77
3.01	6.44	9.86	13.29	16.71	88	20.14	23.56	26.99	30.41	33.84
3.08	6.51	9.93	13.36	16.78	90	20.21	23.63	27.06	30.48	33.91
3.15	6.58	10.00	13.43	16.85	92	20.28	23.70	27.13	30.55	33.98
3.22	6.64	10.07	13.49	16.92	94	20.34	23.77	27.19	30.62	34.04
3.29	6.71	10.14	13.56	16.99	96	20.41	23.84	27.26	30.69	34.11
3.36	6.78	10.21	13.63	17.06	98	20.48	23.91	27.33	30.76	34.18

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
34.25	68.50	102.75	137.00	171.25	205.50	239.75	274.00	308.25	
342.50	376.75	411.00	445.25	479.50	513.75	548.00	582.25	616.50	
655.00	719.25	753.50	787.75	822.00	856.25	890.50	924.75	959.00	

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.45	6.90	10.35	13.80	2	17.25	20.70	24.15	27.60	31.05
.14	3.52	6.97	10.42	13.87	4	17.32	20.77	24.22	27.67	31.12
.21	3.59	7.04	10.49	13.94	6	17.39	20.84	24.29	27.74	31.19
.28	3.66	7.11	10.56	14.01	8	17.46	20.91	24.36	27.81	31.26
.35	3.73	7.18	10.63	14.08	10	17.53	20.98	24.43	27.88	31.33
.41	3.80	7.25	10.70	14.15	12	17.60	21.05	24.50	27.95	31.40
.48	3.86	7.31	10.76	14.21	14	17.66	21.11	24.56	28.01	31.46
.55	3.93	7.38	10.83	14.28	16	17.73	21.18	24.63	28.08	31.53
.62	4.00	7.45	10.90	14.35	18	17.80	21.25	24.70	28.15	31.60
.69	4.07	7.52	10.97	14.42	20	17.87	21.32	24.77	28.22	31.67
.76	4.14	7.59	11.04	14.49	22	17.94	21.39	24.84	28.29	31.74
.83	4.21	7.66	11.11	14.56	24	18.01	21.46	24.91	28.36	31.81
.90	4.28	7.73	11.18	14.63	26	18.08	21.53	24.98	28.43	31.88
.97	4.35	7.80	11.25	14.70	28	18.15	21.60	25.05	28.50	31.95
1.04	4.42	7.87	11.32	14.77	30	18.22	21.67	25.12	28.57	32.02
1.10	4.49	7.94	11.39	14.84	32	18.29	21.74	25.19	28.64	32.09
1.17	4.55	8.00	11.45	14.90	34	18.35	21.80	25.25	28.70	32.15
1.24	4.62	8.07	11.52	14.97	36	18.42	21.87	25.32	28.77	32.22
1.31	4.69	8.14	11.59	15.04	38	18.49	21.94	25.39	28.84	32.29
1.38	4.76	8.21	11.66	15.11	40	18.56	22.01	25.46	28.91	32.36
1.45	4.83	8.28	11.73	15.18	42	18.63	22.08	25.53	28.98	32.43
1.52	4.90	8.35	11.80	15.25	44	18.70	22.15	25.60	29.05	32.50
1.59	4.97	8.42	11.87	15.32	46	18.77	22.22	25.67	29.12	32.57
1.66	5.04	8.49	11.94	15.39	48	18.84	22.29	25.74	29.19	32.64
1.73	5.11	8.56	12.01	15.46	50	18.91	22.36	25.81	29.26	32.71
1.80	5.18	8.63	12.08	15.53	52	18.98	22.43	25.88	29.33	32.78

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.79	5.24	8.69	12.14	15.59	52	19.04	22.49	25.94	29.39	32.84
1.86	5.31	8.76	12.21	15.66	54	19.11	22.56	26.01	29.46	32.91
1.93	5.38	8.83	12.28	15.73	56	19.18	22.63	26.08	29.53	32.98
2.00	5.45	8.90	12.35	15.80	58	19.25	22.70	26.15	29.60	33.05
2.07	5.52	8.97	12.42	15.87	60	19.32	22.77	26.22	29.67	33.12
2.14	5.59	9.04	12.49	15.94	62	19.39	22.84	26.29	29.74	33.19
2.21	5.66	9.11	12.56	16.01	64	19.46	22.91	26.36	29.81	33.26
2.28	5.73	9.18	12.63	16.08	66	19.53	22.98	26.43	29.88	33.33
2.35	5.80	9.25	12.70	16.15	68	19.60	23.05	26.50	29.95	33.40
2.42	5.87	9.32	12.77	16.22	70	19.67	23.12	26.57	30.02	33.47
2.48	5.93	9.38	12.83	16.28	72	19.73	23.18	26.63	30.08	33.53
2.55	6.00	9.45	12.90	16.35	74	19.80	23.25	26.70	30.15	33.60
2.62	6.07	9.52	12.97	16.42	76	19.87	23.32	26.77	30.22	33.67
2.69	6.14	9.59	13.04	16.49	78	19.94	23.39	26.84	30.29	33.74
2.76	6.21	9.66	13.11	16.56	80	20.01	23.46	26.91	30.36	33.81
2.83	6.28	9.73	13.18	16.63	82	20.08	23.53	26.98	30.43	33.88
2.90	6.35	9.80	13.25	16.70	84	20.15	23.60	27.05	30.50	33.95
2.97	6.42	9.87	13.32	16.77	86	20.22	23.67	27.12	30.57	34.02
3.04	6.49	9.94	13.39	16.84	88	20.29	23.74	27.19	30.64	34.09
3.11	6.56	10.01	13.46	16.91	90	20.36	23.81	27.26	30.71	34.16
3.17	6.62	10.07	13.52	16.97	92	20.42	23.87	27.32	30.77	34.22
3.24	6.69	10.14	13.59	17.04	94	20.49	23.94	27.39	30.84	34.29
3.31	6.76	10.21	13.66	17.11	96	20.56	24.01	27.46	30.91	34.36
3.38	6.83	10.28	13.73	17.18	98	20.63	24.08	27.53	30.98	34.43

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
34.50	69.00	103.50	138.00		172.50	207.00	241.50	276.00	310.50
345.00	379.50	414.00	448.50	10	517.50	552.00	586.50	621.00	655.50
690.00	724.50	759.00	793.50	20	862.50	897.00	931.50	966.00	1000.50



2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.48	6.95	10.43	13.90	1	17.38	20.85	24.33	27.80	31.28
.14	3.54	7.02	10.49	13.97	2	17.44	20.92	24.39	27.87	31.34
.21	3.61	7.09	10.56	14.04	4	17.51	20.99	24.46	27.94	31.41
.28	3.68	7.16	10.63	14.11	6	17.58	21.06	24.53	28.01	31.48
.35	3.75	7.23	10.70	14.18	8	17.65	21.13	24.60	28.08	31.55
.42	3.82	7.30	10.77	14.25	10	17.72	21.20	24.67	28.15	31.62
.49	3.89	7.37	10.84	14.32	12	17.79	21.27	24.74	28.22	31.69
.56	3.96	7.44	10.91	14.39	14	17.86	21.34	24.81	28.29	31.76
.63	4.03	7.51	10.98	14.46	16	17.93	21.41	24.88	28.36	31.83
.70	4.10	7.58	11.05	14.53	18	18.00	21.48	24.95	28.43	31.90
.76	4.17	7.65	11.12	14.60	20	18.07	21.55	25.02	28.50	31.97
.83	4.24	7.71	11.19	14.66	22	18.14	21.61	25.09	28.56	32.04
.90	4.31	7.78	11.26	14.73	24	18.21	21.68	25.16	28.63	32.11
.97	4.38	7.85	11.33	14.80	26	18.28	21.75	25.23	28.70	32.18
1.04	4.45	7.92	11.40	14.87	28	18.35	21.82	25.30	28.77	32.25
1.11	4.52	7.99	11.47	14.94	30	18.42	21.89	25.37	28.84	32.32
1.18	4.59	8.06	11.54	15.01	32	18.49	21.96	25.44	28.91	32.39
1.25	4.66	8.13	11.61	15.08	34	18.56	22.03	25.51	28.98	32.46
1.32	4.73	8.20	11.68	15.15	36	18.63	22.10	25.58	29.05	32.53
1.39	4.80	8.27	11.75	15.22	38	18.70	22.17	25.65	29.12	32.60
1.46	4.87	8.34	11.82	15.29	40	18.77	22.24	25.72	29.19	32.67
1.53	4.93	8.41	11.88	15.36	42	18.83	22.31	25.78	29.26	32.73
1.60	5.00	8.48	11.95	15.43	44	18.90	22.38	25.85	29.33	32.80
1.67	5.07	8.55	12.02	15.50	46	18.97	22.45	25.92	29.40	32.87
1.74	5.14	8.62	12.09	15.57	48	19.04	22.52	25.99	29.47	32.94
1.81	5.21	8.69	12.16	15.64	50	19.11	22.59	26.06	29.54	33.01

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.81	5.28	8.76	12.23	15.71	52	19.18	22.66	26.13	29.61	33.08
1.88	5.35	8.83	12.30	15.78	54	19.25	22.73	26.20	29.68	33.15
1.95	5.42	8.90	12.37	15.85	56	19.32	22.80	26.27	29.75	33.22
2.02	5.49	8.97	12.44	15.92	58	19.39	22.87	26.34	29.82	33.29
2.09	5.56	9.04	12.51	15.99	60	19.46	22.94	26.41	29.89	33.36
2.15	5.63	9.10	12.58	16.05	62	19.53	23.00	26.48	29.95	33.43
2.22	5.70	9.17	12.65	16.12	64	19.60	23.07	26.55	30.02	33.50
2.29	5.77	9.24	12.72	16.19	66	19.67	23.14	26.62	30.09	33.57
2.36	5.84	9.31	12.79	16.26	68	19.74	23.21	26.69	30.16	33.64
2.43	5.91	9.38	12.86	16.33	70	19.81	23.28	26.76	30.23	33.71
2.50	5.98	9.45	12.93	16.40	72	19.88	23.35	26.83	30.30	33.78
2.57	6.05	9.52	13.00	16.47	74	19.95	23.42	26.90	30.37	33.85
2.64	6.12	9.59	13.07	16.54	76	20.02	23.49	26.97	30.44	33.92
2.71	6.19	9.66	13.14	16.61	78	20.09	23.56	27.04	30.51	33.99
2.78	6.26	9.73	13.21	16.68	80	20.16	23.63	27.11	30.58	34.06
2.85	6.32	9.80	13.27	16.75	82	20.22	23.70	27.17	30.65	34.12
2.92	6.39	9.87	13.34	16.82	84	20.29	23.77	27.24	30.72	34.19
2.99	6.46	9.94	13.41	16.89	86	20.36	23.84	27.31	30.79	34.26
3.06	6.53	10.01	13.48	16.96	88	20.43	23.91	27.38	30.86	34.33
3.13	6.60	10.08	13.55	17.03	90	20.50	23.98	27.45	30.93	34.40
3.20	6.67	10.15	13.62	17.10	92	20.57	24.05	27.52	31.00	34.47
3.27	6.74	10.22	13.69	17.17	94	20.64	24.12	27.59	31.07	34.54
3.34	6.81	10.29	13.76	17.24	96	20.71	24.19	27.66	31.14	34.61
3.41	6.88	10.36	13.83	17.31	98	20.78	24.26	27.73	31.21	34.68

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
34.75	69.50	104.25	139.00		173.75	208.50	243.25	278.00	312.75
347.50	382.25	417.00	451.75	10	521.25	556.00	590.75	625.50	660.25
695.00	729.75	764.50	799.25	20	868.75	903.50	938.25	973.00	1007.75

2 to 98	100	200	300	400 feet	500	600	700	800	900
.07	3.50	7.00	10.50	14.00	17.50	21.00	24.50	28.00	31.50
.14	3.57	7.07	10.57	14.07	17.57	21.07	24.57	28.07	31.57
.21	3.64	7.14	10.64	14.14	17.64	21.14	24.64	28.14	31.64
.28	3.71	7.21	10.71	14.21	17.71	21.21	24.71	28.21	31.71
.35	3.78	7.28	10.78	14.28	17.78	21.28	24.78	28.28	31.78
.42	3.85	7.35	10.85	14.35	17.85	21.35	24.85	28.35	31.85
.49	3.92	7.42	10.92	14.42	17.92	21.42	24.92	28.42	31.92
.56	3.99	7.49	10.99	14.49	17.99	21.49	24.99	28.49	31.99
.63	4.06	7.56	11.06	14.56	18.06	21.56	25.06	28.56	32.06
.70	4.13	7.63	11.13	14.63	18.13	21.63	25.13	28.63	32.13
.77	4.20	7.70	11.20	14.70	18.20	21.70	25.20	28.70	32.20
.84	4.27	7.77	11.27	14.77	18.27	21.77	25.27	28.77	32.27
.91	4.34	7.84	11.34	14.84	18.34	21.84	25.34	28.84	32.34
.98	4.41	7.91	11.41	14.91	18.41	21.91	25.41	28.91	32.41
1.05	4.48	7.98	11.48	14.98	18.48	21.98	25.48	28.98	32.48
1.12	4.55	8.05	11.55	15.05	18.55	22.05	25.55	29.05	32.55
1.19	4.62	8.12	11.62	15.12	18.62	22.12	25.62	29.12	32.62
1.26	4.69	8.19	11.69	15.19	18.69	22.19	25.69	29.19	32.69
1.33	4.76	8.26	11.76	15.26	18.76	22.26	25.76	29.26	32.76
1.40	4.83	8.33	11.83	15.33	18.83	22.33	25.83	29.33	32.83
1.47	4.90	8.40	11.90	15.40	18.90	22.40	25.90	29.40	32.90
1.54	4.97	8.47	11.97	15.47	18.97	22.47	25.97	29.47	32.97
1.61	5.04	8.54	12.04	15.54	19.04	22.54	26.04	29.54	33.04
1.68	5.11	8.61	12.11	15.61	19.11	22.61	26.11	29.61	33.11
1.75	5.18	8.68	12.18	15.68	19.18	22.68	26.18	29.68	33.18
1.82	5.25	8.75	12.25	15.75	19.25	22.75	26.25	29.75	33.25

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.82	5.32	8.82	12.32	15.82	52	19.32	22.82	26.32	29.82	33.32
1.89	5.39	8.89	12.39	15.89	54	19.39	22.89	26.39	29.89	33.39
1.96	5.46	8.96	12.46	15.96	56	19.46	22.96	26.46	29.96	33.46
2.03	5.53	9.03	12.53	16.03	58	19.53	23.03	26.53	30.03	33.53
2.10	5.60	9.10	12.60	16.10	60	19.60	23.10	26.60	30.10	33.60
2.17	5.67	9.17	12.67	16.17	62	19.67	23.17	26.67	30.17	33.67
2.24	5.74	9.24	12.74	16.24	64	19.74	23.24	26.74	30.24	33.74
2.31	5.81	9.31	12.81	16.31	66	19.81	23.31	26.81	30.31	33.81
2.38	5.88	9.38	12.88	16.38	68	19.88	23.38	26.88	30.38	33.88
2.45	5.95	9.45	12.95	16.45	70	19.95	23.45	26.95	30.45	33.95
2.52	6.02	9.52	13.02	16.52	72	20.02	23.52	27.02	30.52	34.02
2.59	6.09	9.59	13.09	16.59	74	20.09	23.59	27.09	30.59	34.09
2.66	6.16	9.66	13.16	16.66	76	20.16	23.66	27.16	30.66	34.16
2.73	6.23	9.73	13.23	16.73	78	20.23	23.73	27.23	30.73	34.23
2.80	6.30	9.80	13.30	16.80	80	20.30	23.80	27.30	30.80	34.30
2.87	6.37	9.87	13.37	16.87	82	20.37	23.87	27.37	30.87	34.37
2.94	6.44	9.94	13.44	16.94	84	20.44	23.94	27.44	30.94	34.44
3.01	6.51	10.01	13.51	17.01	86	20.51	24.01	27.51	31.01	34.51
3.08	6.58	10.08	13.58	17.08	88	20.58	24.08	27.58	31.08	34.58
3.15	6.65	10.15	13.65	17.15	90	20.65	24.15	27.65	31.15	34.65
3.22	6.72	10.22	13.72	17.22	92	20.72	24.22	27.72	31.22	34.72
3.29	6.79	10.29	13.79	17.29	94	20.79	24.29	27.79	31.29	34.79
3.36	6.86	10.36	13.86	17.36	96	20.86	24.36	27.86	31.36	34.86
3.43	6.93	10.43	13.93	17.43	98	20.93	24.43	27.93	31.43	34.93

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
35.00	70.00	105.00	140.00		175.00	210.00	245.00	280.00	315.00
350.00	395.00	420.00	455.00	10	525.00	560.00	595.00	630.00	665.00
700.00	735.00	770.00	805.00	20	875.00	910.00	945.00	980.00	1015.00



\$3.52½ Per 100

\$35.25 Per M.

\$121

2 to 98	100	200	300	400	feet	500	600	700	800	900
1	3.53	7.05	10.58	14.10	1	17.63	21.15	24.68	28.20	31.73
2	3.60	7.12	10.65	14.17	2	17.70	21.22	24.75	28.27	31.80
3	3.67	7.19	10.72	14.24	3	17.77	21.29	24.82	28.34	31.87
4	3.74	7.26	10.79	14.31	4	17.84	21.36	24.89	28.41	31.94
5	3.81	7.33	10.86	14.38	5	17.91	21.43	24.96	28.48	32.01
6	3.88	7.40	10.93	14.45	6	17.98	21.50	25.03	28.55	32.08
7	3.95	7.47	11.00	14.52	7	18.05	21.57	25.10	28.62	32.15
8	4.02	7.54	11.07	14.59	8	18.12	21.64	25.17	28.69	32.22
9	4.09	7.61	11.14	14.66	9	18.19	21.71	25.24	28.76	32.29
10	4.16	7.68	11.21	14.73	10	18.26	21.78	25.31	28.83	32.36
11	4.23	7.76	11.28	14.81	11	18.33	21.86	25.38	28.91	32.43
12	4.30	7.83	11.35	14.88	12	18.40	21.93	25.45	28.98	32.50
13	4.37	7.90	11.42	14.95	13	18.47	22.00	25.52	29.05	32.57
14	4.44	7.97	11.49	15.02	14	18.54	22.07	25.59	29.12	32.64
15	4.51	8.04	11.56	15.09	15	18.61	22.14	25.66	29.19	32.71
16	4.58	8.11	11.63	15.16	16	18.68	22.21	25.73	29.26	32.78
17	4.65	8.18	11.70	15.23	17	18.75	22.28	25.80	29.33	32.85
18	4.72	8.25	11.77	15.30	18	18.82	22.35	25.87	29.40	32.92
19	4.79	8.32	11.84	15.37	19	18.89	22.42	25.94	29.47	32.99
20	4.86	8.39	11.91	15.44	20	18.96	22.49	26.01	29.54	33.06
21	4.94	8.46	11.99	15.51	21	19.04	22.56	26.09	29.61	33.14
22	5.01	8.53	12.06	15.58	22	19.11	22.63	26.16	29.68	33.21
23	5.08	8.60	12.13	15.65	23	19.18	22.70	26.23	29.75	33.28
24	5.15	8.67	12.20	15.72	24	19.25	22.77	26.30	29.82	33.35
25	5.22	8.74	12.27	15.79	25	19.32	22.84	26.37	29.89	33.42
26	5.29	8.81	12.34	15.86	26	19.39	22.91	26.44	29.96	33.49

2 to 98	100	200	300	400	feet	500	600	700	800	900
1	5.36	8.88	12.41	15.93	52	19.46	22.98	26.51	30.03	33.56
2	5.43	8.95	12.48	16.00	53	19.53	23.05	26.58	30.10	33.63
3	5.50	9.02	12.55	16.07	54	19.60	23.12	26.65	30.17	33.70
4	5.57	9.09	12.62	16.14	55	19.67	23.19	26.72	30.24	33.77
5	5.64	9.17	12.69	16.22	56	19.74	23.27	26.79	30.32	33.84
6	5.71	9.22	12.76	16.29	57	19.81	23.32	26.86	30.39	33.91
7	5.78	9.31	12.83	16.36	58	19.88	23.41	26.93	30.46	33.98
8	5.85	9.38	12.90	16.43	59	19.95	23.48	27.00	30.53	34.05
9	5.92	9.45	12.97	16.50	60	20.02	23.55	27.07	30.60	34.12
10	5.99	9.52	13.04	16.57	61	20.09	23.62	27.14	30.67	34.19
11	6.06	9.59	13.11	16.64	62	20.16	23.69	27.21	30.74	34.26
12	6.13	9.66	13.18	16.71	63	20.23	23.76	27.28	30.81	34.33
13	6.20	9.73	13.25	16.78	64	20.30	23.83	27.35	30.88	34.40
14	6.27	9.80	13.32	16.85	65	20.37	23.90	27.42	30.95	34.47
15	6.35	9.87	13.40	16.92	66	20.45	23.97	27.50	31.02	34.55
16	6.42	9.94	13.47	16.99	67	20.52	24.04	27.57	31.09	34.62
17	6.49	10.01	13.54	17.06	68	20.59	24.11	27.64	31.16	34.69
18	6.56	10.08	13.61	17.13	69	20.66	24.18	27.71	31.23	34.76
19	6.63	10.15	13.68	17.20	70	20.73	24.25	27.78	31.30	34.83
20	6.70	10.22	13.75	17.27	71	20.80	24.32	27.85	31.37	34.90
21	6.77	10.29	13.82	17.34	72	20.87	24.39	27.92	31.44	34.97
22	6.84	10.36	13.89	17.41	73	20.94	24.46	27.99	31.51	35.04
23	6.91	10.43	13.96	17.48	74	21.01	24.53	28.06	31.58	35.11
24	6.98	10.50	14.03	17.55	75	21.08	24.60	28.13	31.65	35.18

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
85.25	70.50	105.75	141.00	10	176.25	211.50	246.75	282.00	317.25
352.50	387.75	423.00	458.25	11	528.75	564.00	599.25	634.50	669.75
706.00	740.25	775.50	810.75	12	881.25	916.50	951.75	987.00	1022.25

\$54

\$35

\$36

\$37

\$38

\$39

\$40

\$41

\$42

\$43

\$44

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\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
1	3.55	7.10	10.65	14.20	1	17.75	21.30	24.85	28.40	31.95
2	3.62	7.17	10.72	14.27	2	17.82	21.37	24.92	28.47	32.02
3	3.69	7.24	10.79	14.34	3	17.89	21.44	24.99	28.54	32.09
4	3.76	7.31	10.86	14.41	4	17.96	21.51	25.06	28.61	32.16
5	3.83	7.38	10.93	14.48	5	18.03	21.58	25.13	28.68	32.23
6	3.91	7.46	11.01	14.56	6	18.11	21.66	25.21	28.76	32.31
7	3.98	7.53	11.08	14.63	7	18.18	21.73	25.28	28.83	32.38
8	4.05	7.60	11.15	14.70	8	18.25	21.80	25.35	28.90	32.45
9	4.12	7.67	11.22	14.77	9	18.32	21.87	25.42	28.97	32.52
10	4.19	7.74	11.29	14.84	10	18.39	21.94	25.49	29.04	32.59
11	4.26	7.81	11.36	14.91	11	18.46	22.01	25.56	29.11	32.66
12	4.33	7.88	11.43	14.98	12	18.53	22.08	25.63	29.18	32.73
13	4.40	7.95	11.50	15.05	13	18.60	22.15	25.70	29.25	32.80
14	4.47	8.02	11.57	15.12	14	18.67	22.22	25.77	29.32	32.87
15	4.54	8.09	11.64	15.19	15	18.74	22.29	25.84	29.39	32.94
16	4.62	8.17	11.72	15.27	16	18.82	22.37	25.92	29.47	33.02
17	4.69	8.24	11.79	15.34	17	18.89	22.44	25.99	29.54	33.09
18	4.76	8.31	11.86	15.41	18	18.96	22.51	26.06	29.61	33.16
19	4.83	8.38	11.93	15.48	19	19.03	22.58	26.13	29.68	33.23
20	4.90	8.45	12.00	15.55	20	19.10	22.65	26.20	29.75	33.30
21	4.97	8.52	12.07	15.62	21	19.17	22.72	26.27	29.82	33.37
22	5.04	8.59	12.14	15.69	22	19.24	22.79	26.34	29.89	33.44
23	5.11	8.66	12.21	15.76	23	19.31	22.86	26.41	29.96	33.51
24	5.18	8.73	12.28	15.83	24	19.38	22.93	26.48	30.03	33.58
25	5.25	8.80	12.35	15.90	25	19.45	23.00	26.55	30.10	33.65
26	5.33	8.88	12.43	15.98	26	19.53	23.08	26.63	30.18	33.73

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.85	5.40	8.95	12.50	16.05	52	19.60	23.15	26.70	30.25	33.80
1.92	5.47	9.02	12.57	16.12	54	19.67	23.22	26.77	30.32	33.87
1.99	5.54	9.09	12.64	16.19	56	19.74	23.29	26.84	30.39	33.94
2.06	5.61	9.16	12.71	16.26	58	19.81	23.36	26.91	30.46	34.01
2.13	5.68	9.23	12.78	16.33	60	19.88	23.43	26.98	30.53	34.08
2.20	5.75	9.30	12.85	16.40	62	19.95	23.50	27.05	30.60	34.15
2.27	5.82	9.37	12.92	16.47	64	20.02	23.57	27.12	30.67	34.22
2.34	5.89	9.44	12.99	16.54	66	20.09	23.64	27.19	30.74	34.29
2.41	5.96	9.51	13.06	16.61	68	20.16	23.71	27.26	30.81	34.36
2.49	6.04	9.59	13.14	16.69	70	20.24	23.79	27.34	30.89	34.44
2.56	6.11	9.66	13.21	16.76	72	20.31	23.86	27.41	30.96	34.51
2.63	6.18	9.73	13.28	16.83	74	20.38	23.93	27.48	31.03	34.58
2.70	6.25	9.80	13.35	16.90	76	20.45	24.00	27.55	31.10	34.65
2.77	6.32	9.87	13.42	16.97	78	20.52	24.07	27.62	31.17	34.72
2.84	6.39	9.94	13.49	17.04	80	20.59	24.14	27.69	31.24	34.79
2.91	6.46	10.01	13.56	17.11	82	20.66	24.21	27.76	31.31	34.86
2.98	6.53	10.08	13.63	17.18	84	20.73	24.28	27.83	31.38	34.93
3.05	6.60	10.15	13.70	17.25	86	20.80	24.35	27.90	31.45	35.00
3.12	6.67	10.22	13.77	17.32	88	20.87	24.42	27.97	31.52	35.07
3.20	6.75	10.30	13.85	17.40	90	20.95	24.50	28.05	31.60	35.15
3.27	6.82	10.37	13.92	17.47	92	21.02	24.57	28.12	31.67	35.22
3.34	6.89	10.44	13.99	17.54	94	21.09	24.64	28.19	31.74	35.29
3.41	6.96	10.51	14.06	17.61	96	21.16	24.71	28.26	31.81	35.36
3.48	7.03	10.58	14.13	17.68	98	21.23	24.78	28.33	31.88	35.43

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
35.50	71.00	106.50	142.00	177.50	213.00	248.50	284.00	319.50	
355.00	390.50	426.00	461.50	497.00	532.50	568.00	603.50	639.00	674.50
710.00	745.50	781.00	816.50	852.00	887.50	923.00	958.50	994.00	1029.50



2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.58	7.15	10.73	14.30	2	17.88	21.45	25.03	28.60	32.18
.14	3.65	7.32	10.80	14.37	4	17.95	21.52	25.10	28.67	32.25
.21	3.72	7.39	10.87	14.44	6	18.02	21.59	25.17	28.74	32.32
.29	3.79	7.46	10.94	14.51	8	18.09	21.66	25.24	28.81	32.39
.36	3.86	7.54	11.01	14.59	10	18.16	21.74	25.31	28.89	32.46
.43	3.93	7.61	11.08	14.66	12	18.23	21.81	25.38	28.96	32.53
.50	4.00	7.68	11.15	14.73	14	18.30	21.88	25.45	29.03	32.60
.57	4.08	7.75	11.23	14.80	16	18.38	21.95	25.53	29.10	32.68
.64	4.15	7.82	11.30	14.87	18	18.45	22.02	25.60	29.17	32.75
.72	4.22	7.89	11.37	14.94	20	18.52	22.09	25.67	29.24	32.82
.79	4.29	7.97	11.44	15.02	22	18.59	22.17	25.74	29.32	32.89
.86	4.36	8.04	11.51	15.09	24	18.66	22.24	25.81	29.39	32.96
.93	4.43	8.11	11.58	15.16	26	18.73	22.31	25.88	29.46	33.03
1.00	4.50	8.18	11.65	15.23	28	18.80	22.38	25.95	29.53	33.10
1.07	4.58	8.25	11.73	15.30	30	18.88	22.45	26.03	29.60	33.18
1.14	4.65	8.32	11.80	15.37	32	18.95	22.52	26.10	29.67	33.25
1.22	4.72	8.39	11.87	15.44	34	19.02	22.59	26.17	29.74	33.32
1.29	4.79	8.47	11.94	15.52	36	19.09	22.67	26.24	29.82	33.39
1.36	4.86	8.54	12.01	15.59	38	19.16	22.74	26.31	29.89	33.46
1.43	4.93	8.61	12.08	15.66	40	19.23	22.81	26.38	29.96	33.53
1.50	5.01	8.68	12.15	15.73	42	19.31	22.88	26.45	30.03	33.61
1.57	5.08	8.75	12.23	15.80	44	19.38	22.95	26.53	30.10	33.68
1.64	5.15	8.82	12.30	15.87	46	19.45	23.02	26.60	30.17	33.75
1.72	5.22	8.89	12.37	15.94	48	19.52	23.09	26.67	30.24	33.82
1.79	5.29	8.97	12.44	16.02	50	19.59	23.17	26.74	30.32	33.89
1.86	5.36	9.04	12.51	16.09	52	19.66	23.24	26.81	30.39	33.96

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.86	5.43	9.11	12.58	16.16	52	19.73	23.31	26.88	30.46	34.03
1.93	5.51	9.18	12.66	16.23	54	19.81	23.38	26.96	30.53	34.11
2.00	5.58	9.25	12.73	16.30	56	19.88	23.45	27.03	30.60	34.18
2.07	5.65	9.32	12.80	16.37	58	19.95	23.52	27.10	30.67	34.25
2.15	5.72	9.39	12.87	16.45	60	20.02	23.60	27.17	30.75	34.32
2.22	5.79	9.47	12.94	16.52	62	20.09	23.67	27.24	30.82	34.39
2.29	5.86	9.54	13.01	16.59	64	20.16	23.74	27.31	30.89	34.46
2.36	5.93	9.61	13.08	16.66	66	20.23	23.81	27.38	30.96	34.53
2.43	6.01	9.68	13.16	16.73	68	20.31	23.88	27.46	31.03	34.61
2.50	6.08	9.75	13.23	16.80	70	20.38	23.95	27.53	31.10	34.68
2.57	6.15	9.82	13.30	16.87	72	20.45	24.02	27.60	31.17	34.75
2.64	6.22	9.89	13.37	16.95	74	20.52	24.10	27.67	31.25	34.82
2.72	6.29	9.97	13.44	17.02	76	20.59	24.17	27.74	31.32	34.89
2.79	6.36	10.04	13.51	17.09	78	20.66	24.24	27.81	31.39	34.96
2.86	6.44	10.11	13.59	17.16	80	20.74	24.31	27.89	31.46	35.04
2.93	6.51	10.18	13.66	17.23	82	20.81	24.38	27.96	31.53	35.11
3.00	6.58	10.25	13.74	17.30	84	20.88	24.45	28.04	31.60	35.18
3.07	6.65	10.32	13.80	17.37	86	20.95	24.52	28.10	31.67	35.25
3.15	6.72	10.40	13.87	17.45	88	21.02	24.60	28.17	31.75	35.32
3.22	6.79	10.47	13.94	17.52	90	21.09	24.67	28.24	31.82	35.39
3.30	6.86	10.54	14.01	17.59	92	21.16	24.74	28.31	31.89	35.46
3.37	6.94	10.61	14.09	17.66	94	21.24	24.81	28.39	31.96	35.54
3.44	7.01	10.68	14.16	17.73	96	21.31	24.88	28.46	32.03	35.61
3.50	7.08	10.75	14.23	17.80	98	21.38	24.95	28.53	32.10	35.68

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
35.75	71.50	107.25	143.00		178.75	214.50	250.25	286.00	321.75
357.50	393.25	429.00	464.75	500.50	536.25	572.00	607.75	643.50	679.25
715.00	750.75	786.50	822.25	858.00	893.75	929.50	965.25	1001.00	1036.75

\$54

\$36

\$37

\$38

\$39

\$40

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400 feet	500	600	700	800	900	
	3.60	7.20	10.80	14.40	18.00	21.60	25.20	28.80	32.40	
.07	3.67	7.27	10.87	14.47	2	18.07	21.67	25.27	28.87	32.47
.14	3.74	7.34	10.94	14.54	4	18.14	21.74	25.34	28.94	32.54
.22	3.82	7.42	11.02	14.62	6	18.22	21.82	25.42	29.02	32.62
.29	3.89	7.49	11.09	14.69	8	18.29	21.89	25.49	29.09	32.69
.36	3.96	7.56	11.16	14.76	10	18.36	21.96	25.56	29.16	32.76
.43	4.03	7.63	11.23	14.83	12	18.43	22.03	25.63	29.23	32.83
.50	4.10	7.70	11.30	14.90	14	18.50	22.10	25.70	29.30	32.90
.58	4.18	7.78	11.38	14.98	16	18.58	22.18	25.78	29.38	32.98
.65	4.25	7.85	11.45	15.05	18	18.65	22.25	25.85	29.45	33.05
.72	4.32	7.92	11.52	15.12	20	18.72	22.32	25.92	29.52	33.12
.79	4.39	7.99	11.59	15.19	22	18.79	22.39	25.99	29.59	33.19
.86	4.46	8.06	11.66	15.26	24	18.86	22.46	26.06	29.66	33.26
.94	4.54	8.14	11.74	15.34	26	18.94	22.54	26.14	29.74	33.34
1.01	4.61	8.21	11.81	15.41	28	19.01	22.61	26.21	29.81	33.41
1.08	4.68	8.28	11.88	15.48	30	19.08	22.68	26.28	29.88	33.48
1.15	4.75	8.35	11.95	15.55	32	19.15	22.75	26.35	29.95	33.55
1.22	4.82	8.42	12.02	15.62	34	19.22	22.82	26.42	30.02	33.62
1.30	4.90	8.50	12.10	15.70	36	19.30	22.90	26.50	30.10	33.70
1.37	4.97	8.57	12.17	15.77	38	19.37	22.97	26.57	30.17	33.77
1.44	5.04	8.64	12.24	15.84	40	19.44	23.04	26.64	30.24	33.84
1.51	5.11	8.71	12.31	15.91	42	19.51	23.11	26.71	30.31	33.91
1.58	5.18	8.78	12.38	15.98	44	19.58	23.18	26.78	30.38	33.98
1.66	5.26	8.86	12.46	16.06	46	19.66	23.26	26.86	30.46	34.06
1.73	5.33	8.93	12.53	16.13	48	19.73	23.33	26.93	30.53	34.13
1.80	5.40	9.00	12.60	16.20	50	19.80	23.40	27.00	30.60	34.20

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.87	5.47	9.07	12.67	16.27	52	19.87	23.47	27.07	30.67	34.27
1.94	5.54	9.14	12.74	16.34	54	19.94	23.54	27.14	30.74	34.34
2.02	5.62	9.22	12.82	16.42	56	20.02	23.62	27.22	30.82	34.42
2.09	5.69	9.29	12.89	16.49	58	20.09	23.69	27.29	30.89	34.49
2.16	5.76	9.36	12.96	16.56	60	20.16	23.76	27.36	30.96	34.56
2.23	5.83	9.43	13.03	16.63	62	20.23	23.83	27.43	31.03	34.63
2.30	5.90	9.50	13.10	16.70	64	20.30	23.90	27.50	31.10	34.70
2.38	5.98	9.58	13.18	16.78	66	20.38	23.98	27.58	31.18	34.78
2.45	6.05	9.65	13.25	16.85	68	20.45	24.05	27.65	31.25	34.85
2.52	6.12	9.72	13.32	16.92	70	20.52	24.12	27.72	31.32	34.92
2.59	6.19	9.79	13.39	16.99	72	20.59	24.19	27.79	31.39	34.99
2.66	6.26	9.86	13.46	17.06	74	20.66	24.26	27.86	31.46	35.06
2.74	6.34	9.94	13.54	17.14	76	20.74	24.34	27.94	31.54	35.14
2.81	6.41	10.01	13.61	17.21	78	20.81	24.41	28.01	31.61	35.21
2.88	6.48	10.08	13.68	17.28	80	20.88	24.48	28.08	31.68	35.28
2.95	6.55	10.15	13.75	17.35	82	20.95	24.55	28.15	31.75	35.35
3.02	6.62	10.22	13.82	17.42	84	21.02	24.62	28.22	31.82	35.42
3.10	6.70	10.30	13.90	17.50	86	21.10	24.70	28.30	31.90	35.50
3.17	6.77	10.37	13.97	17.57	88	21.17	24.77	28.37	31.97	35.57
3.24	6.84	10.44	14.04	17.64	90	21.24	24.84	28.44	32.04	35.64
3.31	6.91	10.51	14.11	17.71	92	21.31	24.91	28.51	32.11	35.71
3.38	6.98	10.58	14.18	17.78	94	21.38	24.98	28.58	32.18	35.78
3.46	7.06	10.66	14.26	17.86	96	21.46	25.06	28.66	32.26	35.86
3.53	7.13	10.73	14.33	17.93	98	21.53	25.13	28.73	32.33	35.93

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
36.00	72.00	108.00	144.00		180.00	216.00	252.00	288.00	324.00
360.00	396.00	432.00	468.00	504.00	10	540.00	576.00	612.00	648.00
720.00	756.00	792.00	828.00	864.00	20	900.00	936.00	972.00	1008.00



\$3.62½ Per 100

\$36.25 Per M.

125

2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.63	7.25	10.88	14.50		18.13	21.75	25.38	29.00	32.63
.07	3.70	7.32	10.95	14.57	2	18.20	21.82	25.45	29.07	32.70
.15	3.77	7.40	11.02	14.65	4	18.27	21.90	25.52	29.15	32.77
.22	3.84	7.47	11.09	14.72	6	18.34	21.97	25.59	29.22	32.84
.29	3.92	7.54	11.17	14.79	8	18.42	22.04	25.67	29.29	32.92
.36	3.99	7.61	11.24	14.86	10	18.49	22.11	25.74	29.36	32.99
.44	4.06	7.69	11.31	14.94	12	18.56	22.19	25.81	29.44	33.06
.51	4.13	7.76	11.38	15.01	14	18.63	22.26	25.88	29.51	33.13
.58	4.21	7.83	11.46	15.08	16	18.71	22.33	25.96	29.58	33.21
.65	4.28	7.90	11.53	15.15	18	18.78	22.40	26.03	29.65	33.28
.73	4.35	7.98	11.60	15.23	20	18.85	22.48	26.10	29.73	33.35
.80	4.42	8.05	11.67	15.30	22	18.92	22.55	26.17	29.80	33.42
.87	4.50	8.12	11.75	15.37	24	19.00	22.62	26.25	29.87	33.50
.94	4.57	8.19	11.82	15.44	26	19.07	22.69	26.32	29.94	33.57
1.02	4.64	8.27	11.89	15.52	28	19.14	22.77	26.39	30.02	33.64
1.09	4.71	8.34	11.96	15.59	30	19.21	22.84	26.46	30.09	33.71
1.16	4.79	8.41	12.04	15.66	32	19.29	22.91	26.54	30.16	33.79
1.23	4.86	8.48	12.11	15.73	34	19.36	22.98	26.61	30.23	33.86
1.31	4.93	8.56	12.18	15.81	36	19.43	23.06	26.68	30.31	33.93
1.38	5.00	8.63	12.25	15.88	38	19.50	23.13	26.75	30.38	34.00
1.45	5.08	8.70	12.33	15.95	40	19.58	23.20	26.83	30.45	34.08
1.52	5.15	8.77	12.40	16.02	42	19.65	23.27	26.90	30.52	34.15
1.60	5.22	8.85	12.47	16.10	44	19.72	23.35	26.97	30.60	34.22
1.67	5.29	8.92	12.54	16.17	46	19.79	23.42	27.04	30.67	34.29
1.74	5.37	8.99	12.62	16.24	48	19.87	23.49	27.12	30.74	34.37
1.81	5.44	9.06	12.69	16.31	50	19.94	23.56	27.19	30.81	34.44

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.89	5.51	9.14	12.76	16.39	52	20.01	23.64	27.26	30.89	34.51
1.96	5.58	9.21	12.83	16.46	54	20.08	23.71	27.33	30.96	34.58
2.03	5.66	9.28	12.91	16.53	56	20.16	23.78	27.41	31.03	34.66
2.10	5.73	9.35	12.98	16.60	58	20.23	23.85	27.48	31.10	34.73
2.18	5.80	9.43	13.05	16.68	60	20.30	23.93	27.55	31.18	34.80
2.25	5.87	9.50	13.12	16.75	62	20.37	24.00	27.62	31.25	34.87
2.32	5.95	9.57	13.20	16.82	64	20.45	24.07	27.70	31.32	34.95
2.39	6.02	9.64	13.27	16.89	66	20.52	24.14	27.77	31.39	35.02
2.47	6.09	9.72	13.34	16.97	68	20.59	24.22	27.84	31.47	35.09
2.54	6.16	9.79	13.41	17.04	70	20.66	24.29	27.91	31.54	35.16
2.61	6.24	9.86	13.49	17.11	72	20.74	24.36	27.99	31.61	35.24
2.68	6.31	9.93	13.56	17.18	74	20.81	24.43	28.06	31.68	35.31
2.76	6.38	10.01	13.63	17.26	76	20.88	24.51	28.13	31.76	35.38
2.83	6.45	10.08	13.70	17.33	78	20.95	24.58	28.20	31.83	35.45
2.90	6.53	10.15	13.78	17.40	80	21.03	24.65	28.28	31.90	35.53
2.97	6.60	10.22	13.85	17.47	82	21.10	24.72	28.35	31.97	35.60
3.05	6.67	10.30	13.92	17.55	84	21.17	24.80	28.42	32.05	35.67
3.12	6.74	10.37	13.99	17.62	86	21.24	24.87	28.49	32.12	35.74
3.19	6.82	10.44	14.07	17.69	88	21.32	24.94	28.57	32.19	35.82
3.26	6.89	10.51	14.14	17.76	90	21.39	25.01	28.64	32.26	35.89
3.34	6.96	10.59	14.21	17.84	92	21.46	25.09	28.71	32.34	35.96
3.41	7.03	10.66	14.28	17.91	94	21.53	25.16	28.78	32.41	36.03
3.48	7.11	10.73	14.36	17.98	96	21.61	25.23	28.86	32.48	36.11
3.55	7.18	10.80	14.43	18.05	98	21.68	25.30	28.93	32.55	36.18

M FEET					Above 1M.					M FEET				
1	2	3	4	5	6	7	8	9		10	11	12	13	14
AMOUNT					AMOUNT					AMOUNT				
36.25	72.50	108.75	145.00	181.25	217.50	253.75	290.00	326.25		362.50	398.75	435.00	471.25	507.50
72.50	145.00	217.50	290.00	362.50	435.00	507.50	580.00	652.50		725.00	797.50	870.00	942.50	1015.00

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2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.65	7.30	10.95	14.60		18.25	21.90	25.55	29.20	32.85
.07	3.72	7.37	11.02	14.67	2	18.32	21.97	25.62	29.27	32.92
.15	3.80	7.45	11.10	14.75	4	18.40	22.05	25.70	29.35	33.00
.22	3.87	7.52	11.17	14.82	6	18.47	22.12	25.77	29.42	33.07
.29	3.94	7.59	11.24	14.89	8	18.54	22.19	25.84	29.49	33.14
.37	4.02	7.67	11.32	14.97	10	18.62	22.27	25.92	29.57	33.22
.44	4.09	7.74	11.39	15.04	12	18.69	22.34	25.99	29.64	33.29
.51	4.16	7.81	11.46	15.11	14	18.76	22.41	26.06	29.71	33.36
.58	4.23	7.88	11.53	15.18	16	18.83	22.48	26.13	29.78	33.43
.66	4.31	7.96	11.61	15.26	18	18.91	22.56	26.21	29.86	33.51
.73	4.38	8.03	11.68	15.33	20	18.98	22.63	26.28	29.93	33.58
.80	4.45	8.10	11.75	15.40	22	19.05	22.70	26.35	30.00	33.65
.88	4.53	8.18	11.83	15.48	24	19.13	22.78	26.43	30.08	33.73
.95	4.60	8.25	11.90	15.55	26	19.20	22.85	26.50	30.15	33.80
1.02	4.67	8.32	11.97	15.62	28	19.27	22.92	26.57	30.22	33.87
1.10	4.75	8.40	12.05	15.70	30	19.35	23.00	26.65	30.30	33.95
1.17	4.82	8.47	12.12	15.77	32	19.42	23.07	26.72	30.37	34.02
1.24	4.89	8.54	12.19	15.84	34	19.49	23.14	26.79	30.44	34.09
1.31	4.96	8.61	12.26	15.91	36	19.56	23.21	26.86	30.51	34.16
1.39	5.04	8.69	12.34	15.99	38	19.64	23.29	26.94	30.59	34.24
1.46	5.11	8.76	12.41	16.06	40	19.71	23.36	27.01	30.66	34.31
1.53	5.18	8.83	12.48	16.13	42	19.78	23.43	27.08	30.73	34.38
1.61	5.26	8.91	12.56	16.21	44	19.86	23.51	27.16	30.81	34.46
1.68	5.33	8.98	12.63	16.28	46	19.93	23.58	27.23	30.88	34.53
1.75	5.40	9.05	12.70	16.35	48	20.00	23.65	27.30	30.95	34.60
1.83	5.48	9.13	12.78	16.43	50	20.08	23.73	27.38	31.03	34.68

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.90	5.55	9.20	12.85	16.50	52	20.15	23.80	27.45	31.10	34.75
1.97	5.62	9.27	12.92	16.57	54	20.22	23.87	27.52	31.17	34.82
2.04	5.69	9.34	12.99	16.64	56	20.29	23.94	27.59	31.24	34.88
2.12	5.77	9.42	13.07	16.72	58	20.37	24.02	27.67	31.32	34.97
2.19	5.84	9.49	13.14	16.79	60	20.44	24.09	27.74	31.39	35.04
2.26	5.91	9.56	13.21	16.86	62	20.51	24.16	27.81	31.46	35.11
2.34	5.99	9.64	13.29	16.94	64	20.59	24.24	27.89	31.54	35.19
2.41	6.06	9.71	13.36	17.01	66	20.66	24.31	27.96	31.61	35.26
2.48	6.13	9.78	13.43	17.08	68	20.73	24.38	28.03	31.68	35.33
2.56	6.21	9.86	13.51	17.16	70	20.81	24.46	28.11	31.76	35.41
2.63	6.28	9.93	13.58	17.23	72	20.88	24.53	28.18	31.83	35.48
2.70	6.35	10.00	13.65	17.30	74	20.95	24.60	28.25	31.90	35.55
2.77	6.42	10.07	13.72	17.37	76	21.02	24.67	28.32	31.97	35.62
2.85	6.50	10.15	13.80	17.45	78	21.10	24.75	28.40	32.05	35.70
2.92	6.57	10.22	13.87	17.52	80	21.17	24.82	28.47	32.12	35.77
2.99	6.64	10.29	13.94	17.59	82	21.24	24.89	28.54	32.19	35.84
3.07	6.72	10.37	14.02	17.67	84	21.32	24.97	28.62	32.27	35.92
3.14	6.79	10.44	14.09	17.74	86	21.39	25.04	28.69	32.34	35.99
3.21	6.86	10.51	14.16	17.81	88	21.46	25.11	28.76	32.41	36.06
3.29	6.94	10.59	14.24	17.89	90	21.54	25.19	28.84	32.49	36.14
3.36	7.01	10.66	14.31	17.96	92	21.61	25.26	28.91	32.56	36.21
3.43	7.08	10.73	14.38	18.03	94	21.68	25.33	28.98	32.63	36.28
3.50	7.15	10.80	14.45	18.10	96	21.75	25.40	29.05	32.70	36.35
3.58	7.23	10.88	14.53	18.18	98	21.83	25.48	29.13	32.78	36.43

Above 1M.										
M FEET					M FEET					
1	2	3	4	M	5	6	7	8	9	
AMOUNT					AMOUNT					
365.00	36.50	73.00	109.50	146.00	10	182.50	219.00	255.50	292.00	328.50
730.00	401.50	438.00	474.50	511.00	10	547.50	584.00	620.50	657.00	693.50
730.00	766.50	803.00	839.50	876.00	20	112.50	949.00	985.50	1022.00	1058.50



\$3.67½ Per 100

\$36.75 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.68	7.35	11.03	14.70	2	18.38	22.05	25.73	29.40	33.08
.15	3.75	7.42	11.10	14.77	4	18.45	22.12	25.80	29.47	33.15
.22	3.82	7.50	11.17	14.85	6	18.52	22.20	25.87	29.55	33.22
.29	3.90	7.57	11.25	14.92	8	18.60	22.27	25.95	29.62	33.30
.37	3.97	7.64	11.32	14.99	10	18.67	22.34	26.02	29.69	33.37
.44	4.04	7.72	11.39	15.07	12	18.74	22.42	26.09	29.77	33.44
.51	4.12	7.79	11.47	15.14	14	18.82	22.49	26.17	29.84	33.52
.59	4.19	7.86	11.54	15.21	16	18.89	22.56	26.24	29.91	33.59
.66	4.26	7.94	11.61	15.29	18	18.96	22.64	26.31	29.99	33.66
.74	4.34	8.01	11.69	15.36	20	19.04	22.71	26.39	30.06	33.74
.81	4.41	8.09	11.76	15.44	22	19.11	22.79	26.46	30.14	33.81
.88	4.48	8.16	11.83	15.51	24	19.18	22.86	26.53	30.21	33.88
.96	4.56	8.23	11.91	15.58	26	19.26	22.93	26.61	30.28	33.96
1.03	4.63	8.31	11.98	15.66	28	19.33	23.01	26.68	30.36	34.03
1.10	4.70	8.38	12.05	15.73	30	19.40	23.08	26.75	30.43	34.10
1.18	4.78	8.45	12.13	15.80	32	19.48	23.15	26.83	30.50	34.18
1.25	4.85	8.53	12.20	15.88	34	19.55	23.23	26.90	30.58	34.25
1.32	4.92	8.60	12.27	15.95	36	19.62	23.30	26.97	30.65	34.32
1.40	5.00	8.67	12.35	16.02	38	19.70	23.37	27.05	30.72	34.40
1.47	5.07	8.75	12.42	16.10	40	19.77	23.45	27.12	30.80	34.47
1.54	5.15	8.82	12.50	16.17	42	19.85	23.52	27.20	30.87	34.55
1.62	5.22	8.89	12.57	16.24	44	19.92	23.59	27.27	30.94	34.62
1.69	5.29	8.97	12.64	16.32	46	19.99	23.67	27.34	31.02	34.69
1.76	5.37	9.04	12.72	16.39	48	20.07	23.74	27.42	31.09	34.77
1.84	5.44	9.11	12.79	16.46	50	20.14	23.81	27.49	31.16	34.84
1.91	5.51	9.19	12.86	16.54	52	20.21	23.89	27.56	31.24	34.91

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.91	5.59	9.26	12.94	16.61	52	20.29	23.96	27.64	31.31	34.99
1.98	5.66	9.33	13.01	16.68	54	20.36	24.03	27.71	31.38	35.06
2.06	5.73	9.41	13.08	16.76	56	20.43	24.11	27.78	31.46	35.13
2.13	5.81	9.48	13.16	16.83	58	20.51	24.18	27.86	31.53	35.21
2.21	5.88	9.56	13.23	16.91	60	20.58	24.26	27.93	31.61	35.28
2.28	5.95	9.63	13.30	16.98	62	20.65	24.33	28.00	31.68	35.35
2.35	6.03	9.70	13.38	17.05	64	20.73	24.40	28.08	31.75	35.43
2.43	6.10	9.78	13.45	17.13	66	20.80	24.48	28.15	31.83	35.50
2.50	6.17	9.85	13.52	17.20	68	20.87	24.55	28.22	31.90	35.57
2.57	6.25	9.92	13.60	17.27	70	20.95	24.62	28.30	31.97	35.65
2.65	6.32	10.00	13.67	17.35	72	21.02	24.70	28.37	32.05	35.72
2.72	6.39	10.07	13.74	17.42	74	21.09	24.77	28.44	32.12	35.79
2.79	6.47	10.14	13.81	17.49	76	21.17	24.84	28.51	32.19	35.87
2.87	6.54	10.22	13.89	17.57	78	21.24	24.92	28.59	32.27	35.94
2.94	6.62	10.29	13.96	17.64	80	21.32	24.99	28.66	32.34	36.02
3.01	6.69	10.36	14.04	17.71	82	21.39	25.06	28.74	32.41	36.09
3.09	6.76	10.44	14.11	17.79	84	21.46	25.14	28.81	32.49	36.16
3.16	6.84	10.51	14.19	17.86	86	21.54	25.21	28.89	32.56	36.24
3.23	6.91	10.58	14.26	17.93	88	21.61	25.28	28.96	32.63	36.31
3.31	6.98	10.66	14.33	18.01	90	21.68	25.36	29.03	32.71	36.38
3.38	7.06	10.73	14.41	18.08	92	21.76	25.43	29.11	32.78	36.46
3.45	7.13	10.80	14.48	18.15	94	21.83	25.50	29.18	32.85	36.53
3.53	7.20	10.88	14.55	18.23	96	21.90	25.58	29.25	32.93	36.60
3.60	7.28	10.95	14.63	18.30	98	21.98	25.65	29.33	33.00	36.68

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
36.75	73.50	110.25	147.00	183.75	220.50	257.25	294.00	330.75	
387.50	404.25	441.00	477.75	514.50	551.25	588.00	624.75	661.50	698.25
735.00	771.75	808.50	845.25	882.00	918.75	955.50	992.25	1029.00	1065.75

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2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.70	7.40	11.10	14.80		18.50	22.20	25.90	29.60	33.30
.07	3.77	7.47	11.17	14.87	2	18.57	22.27	25.97	29.67	33.37
.15	3.85	7.55	11.25	14.95	4	18.65	22.35	26.05	29.75	33.45
.22	3.92	7.62	11.32	15.02	6	18.72	22.42	26.12	29.82	33.52
.30	4.00	7.70	11.40	15.10	8	18.80	22.50	26.20	29.90	33.60
.37	4.07	7.77	11.47	15.17	10	18.87	22.57	26.27	29.97	33.67
.44	4.14	7.84	11.54	15.24	12	18.94	22.64	26.34	30.04	33.74
.52	4.22	7.92	11.62	15.32	14	19.02	22.72	26.42	30.12	33.82
.59	4.29	7.99	11.69	15.39	16	19.09	22.79	26.49	30.19	33.89
.67	4.37	8.07	11.77	15.47	18	19.17	22.87	26.57	30.27	33.97
.74	4.44	8.14	11.84	15.54	20	19.24	22.94	26.64	30.34	34.04
.81	4.51	8.21	11.91	15.61	22	19.31	23.01	26.71	30.41	34.11
.89	4.59	8.29	11.99	15.69	24	19.39	23.09	26.79	30.49	34.19
.96	4.66	8.36	12.06	15.76	26	19.46	23.16	26.86	30.56	34.26
1.04	4.74	8.44	12.14	15.84	28	19.54	23.24	26.94	30.64	34.34
1.11	4.81	8.51	12.21	15.91	30	19.61	23.31	27.01	30.71	34.41
1.18	4.88	8.58	12.28	15.98	32	19.68	23.38	27.08	30.78	34.48
1.26	4.96	8.66	12.36	16.06	34	19.76	23.46	27.16	30.86	34.56
1.33	5.03	8.73	12.43	16.13	36	19.83	23.53	27.23	30.93	34.63
1.41	5.11	8.81	12.51	16.21	38	19.91	23.61	27.31	31.01	34.71
1.48	5.18	8.88	12.58	16.28	40	19.98	23.68	27.38	31.08	34.78
1.55	5.25	8.95	12.65	16.35	42	20.05	23.75	27.45	31.15	34.85
1.63	5.33	9.03	12.73	16.43	44	20.13	23.83	27.53	31.23	34.93
1.70	5.40	9.10	12.80	16.50	46	20.20	23.90	27.60	31.30	35.00
1.78	5.48	9.18	12.88	16.58	48	20.28	23.98	27.68	31.38	35.08
1.85	5.55	9.25	12.95	16.65	50	20.35	24.05	27.75	31.45	35.15

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.92	5.62	9.32	13.02	16.72	52	20.42	24.12	27.82	31.52	35.22
2.00	5.70	9.40	13.10	16.80	54	20.50	24.20	27.90	31.60	35.30
2.07	5.77	9.47	13.17	16.87	56	20.57	24.27	27.97	31.67	35.37
2.15	5.85	9.55	13.25	16.95	58	20.65	24.35	28.05	31.75	35.45
2.22	5.92	9.62	13.32	17.02	60	20.72	24.42	28.12	31.82	35.52
2.29	5.99	9.69	13.39	17.09	62	20.79	24.49	28.19	31.89	35.59
2.37	6.07	9.77	13.47	17.17	64	20.87	24.57	28.27	31.97	35.67
2.44	6.14	9.84	13.54	17.24	66	20.94	24.64	28.34	32.04	35.74
2.52	6.22	9.92	13.62	17.32	68	21.02	24.72	28.42	32.12	35.82
2.59	6.29	9.99	13.69	17.39	70	21.09	24.79	28.49	32.19	35.89
2.66	6.36	10.06	13.76	17.46	72	21.16	24.86	28.56	32.26	35.96
2.74	6.44	10.14	13.84	17.54	74	21.24	24.94	28.64	32.34	36.04
2.81	6.51	10.21	13.91	17.61	76	21.31	25.01	28.71	32.41	36.11
2.89	6.59	10.29	13.99	17.69	78	21.39	25.09	28.79	32.49	36.19
2.96	6.66	10.36	14.06	17.76	80	21.46	25.16	28.86	32.56	36.26
3.03	6.73	10.43	14.13	17.83	82	21.53	25.23	28.93	32.63	36.33
3.11	6.81	10.51	14.21	17.91	84	21.61	25.31	29.01	32.71	36.41
3.18	6.88	10.58	14.28	17.98	86	21.68	25.38	29.08	32.78	36.48
3.26	6.96	10.66	14.36	18.06	88	21.76	25.46	29.16	32.86	36.56
3.33	7.03	10.73	14.43	18.13	90	21.83	25.53	29.23	32.93	36.63
3.40	7.10	10.80	14.50	18.20	92	21.90	25.60	29.30	33.00	36.70
3.48	7.18	10.88	14.58	18.28	94	21.98	25.68	29.38	33.08	36.78
3.55	7.25	10.95	14.65	18.35	96	22.05	25.75	29.45	33.15	36.85
3.63	7.33	11.03	14.73	18.43	98	22.13	25.83	29.53	33.23	36.93

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
37.00	74.00	111.00	148.00		185.00	222.00	259.00	296.00	333.00
370.00	407.00	444.00	481.00	10	555.00	592.00	629.00	666.00	703.00
740.00	777.00	814.00	851.00	20	925.00	962.00	999.00	1036.00	1073.00



\$3.72½ Per 100

\$37.25 Per M.

129

2 to 98	100	200	300	400	feet	500	600	700	800	900
.07	3.73	7.45	11.18	14.90	1	18.63	22.35	26.08	29.80	33.53
.15	3.80	7.52	11.25	14.97	2	18.70	22.42	26.15	29.87	33.60
.22	3.87	7.60	11.32	15.05	4	18.77	22.50	26.22	29.95	33.67
.30	3.95	7.67	11.40	15.12	6	18.85	22.57	26.30	30.02	33.75
.37	4.02	7.75	11.47	15.20	8	18.92	22.65	26.37	30.10	33.82
.45	4.10	7.82	11.55	15.27	10	19.00	22.72	26.45	30.17	33.90
.52	4.17	7.90	11.62	15.35	12	19.07	22.80	26.52	30.25	33.97
.60	4.25	7.97	11.70	15.42	14	19.15	22.87	26.60	30.32	34.05
.67	4.32	8.05	11.77	15.50	16	19.22	22.95	26.67	30.40	34.12
.75	4.40	8.12	11.85	15.57	18	19.30	23.02	26.75	30.47	34.20
.82	4.47	8.20	11.92	15.65	20	19.37	23.10	26.82	30.55	34.27
.89	4.54	8.27	11.99	15.72	22	19.44	23.17	26.89	30.62	34.34
.97	4.62	8.34	12.07	15.79	24	19.52	23.24	26.97	30.69	34.42
1.04	4.69	8.42	12.14	15.87	26	19.59	23.32	27.04	30.77	34.49
1.12	4.77	8.49	12.22	15.94	28	19.67	23.39	27.12	30.84	34.57
1.19	4.84	8.57	12.29	16.02	30	19.74	23.47	27.19	30.92	34.64
1.27	4.92	8.64	12.37	16.09	32	19.82	23.54	27.27	30.99	34.72
1.34	4.99	8.72	12.44	16.17	34	19.89	23.62	27.34	31.07	34.79
1.42	5.07	8.79	12.52	16.24	36	19.97	23.69	27.42	31.14	34.87
1.49	5.14	8.87	12.59	16.32	38	20.04	23.77	27.49	31.22	34.94
1.56	5.22	8.94	12.67	16.39	40	20.12	23.84	27.57	31.29	35.02
1.64	5.29	9.01	12.74	16.46	42	20.19	23.91	27.64	31.36	35.09
1.71	5.36	9.09	12.81	16.54	44	20.26	23.99	27.71	31.44	35.16
1.79	5.44	9.16	12.89	16.61	46	20.34	24.06	27.79	31.51	35.24
1.86	5.51	9.24	12.96	16.69	48	20.41	24.14	27.86	31.59	35.31
1.94	5.59	9.31	13.04	16.76	50	20.49	24.21	27.94	31.66	35.39

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.94	5.66	9.39	13.11	16.84	52	20.56	24.29	28.01	31.74	35.46
2.01	5.74	9.46	13.19	16.91	54	20.64	24.36	28.09	31.81	35.54
2.09	5.81	9.54	13.26	16.99	56	20.71	24.44	28.16	31.89	35.61
2.16	5.89	9.61	13.34	17.06	58	20.79	24.51	28.24	31.96	35.69
2.24	5.96	9.69	13.41	17.14	60	20.86	24.59	28.31	32.04	35.76
2.31	6.03	9.76	13.48	17.21	62	20.93	24.66	28.38	32.11	35.83
2.38	6.11	9.83	13.56	17.28	64	21.01	24.73	28.46	32.18	35.91
2.46	6.18	9.91	13.63	17.36	66	21.08	24.81	28.53	32.26	35.98
2.53	6.26	9.98	13.71	17.43	68	21.16	24.88	28.61	32.33	36.06
2.61	6.33	10.06	13.78	17.51	70	21.23	24.96	28.68	32.41	36.13
2.68	6.41	10.13	13.86	17.58	72	21.31	25.03	28.76	32.48	36.21
2.76	6.48	10.21	13.93	17.66	74	21.38	25.11	28.83	32.56	36.28
2.83	6.56	10.28	14.01	17.73	76	21.46	25.18	28.91	32.63	36.36
2.91	6.63	10.36	14.08	17.81	78	21.53	25.26	28.98	32.71	36.43
2.98	6.71	10.43	14.16	17.88	80	21.61	25.33	29.06	32.78	36.51
3.05	6.78	10.50	14.23	17.95	82	21.68	25.40	29.13	32.85	36.58
3.13	6.85	10.58	14.30	18.03	84	21.75	25.48	29.20	32.93	36.65
3.20	6.93	10.65	14.38	18.10	86	21.83	25.55	29.28	33.00	36.73
3.28	7.00	10.73	14.45	18.18	88	21.90	25.63	29.35	33.08	36.80
3.35	7.08	10.80	14.53	18.25	90	21.98	25.70	29.43	33.15	36.88
3.43	7.15	10.88	14.60	18.33	92	22.05	25.78	29.50	33.23	36.95
3.50	7.23	10.95	14.68	18.40	94	22.13	25.85	29.58	33.30	37.03
3.58	7.30	11.03	14.75	18.48	96	22.20	25.93	29.65	33.38	37.10
3.65	7.38	11.10	14.83	18.55	98	22.28	26.00	29.73	33.45	37.18

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
37.25	74.50	111.75	149.00	1	186.25	223.50	260.75	298.00	335.25
372.50	409.75	447.00	484.25	10	558.75	596.00	633.25	670.50	707.75
745.00	782.25	819.50	856.75	20	931.25	968.50	1005.75	1043.00	1080.25

\$54

\$37

\$38

\$39

\$40

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
.08	3.75	7.50	11.25	15.00	18.75	22.50	26.25	30.00	33.75	
.15	3.83	7.58	11.33	15.08	2	18.83	22.58	26.33	30.08	33.83
.23	3.90	7.65	11.40	15.15	4	18.90	22.65	26.40	30.15	33.90
.30	3.98	7.73	11.48	15.23	6	18.98	22.73	26.48	30.23	33.98
.38	4.05	7.80	11.55	15.30	8	19.05	22.80	26.55	30.30	34.05
.45	4.13	7.88	11.63	15.38	10	19.13	22.88	26.63	30.38	34.13
.53	4.20	7.95	11.70	15.45	12	19.20	22.95	26.70	30.45	34.20
.60	4.28	8.03	11.78	15.53	14	19.28	23.03	26.78	30.53	34.28
.68	4.35	8.10	11.85	15.60	16	19.35	23.10	26.85	30.60	34.35
.75	4.43	8.18	11.93	15.68	18	19.43	23.18	26.93	30.68	34.43
.83	4.50	8.25	12.00	15.75	20	19.50	23.25	27.00	30.75	34.50
.90	4.58	8.33	12.08	15.83	22	19.58	23.33	27.08	30.83	34.58
.98	4.65	8.40	12.15	15.90	24	19.65	23.40	27.15	30.90	34.65
1.05	4.73	8.48	12.23	15.98	26	19.73	23.48	27.23	30.98	34.73
1.13	4.80	8.55	12.30	16.05	28	19.80	23.55	27.30	31.05	34.80
1.20	4.88	8.63	12.38	16.13	30	19.88	23.63	27.38	31.13	34.88
1.28	4.95	8.70	12.45	16.20	32	19.95	23.70	27.45	31.20	34.95
1.35	5.03	8.78	12.53	16.28	34	20.03	23.78	27.53	31.28	35.03
1.43	5.10	8.85	12.60	16.35	36	20.10	23.85	27.60	31.35	35.10
1.50	5.18	8.93	12.68	16.43	38	20.18	23.93	27.68	31.43	35.18
1.58	5.25	9.00	12.75	16.50	40	20.25	24.00	27.75	31.50	35.25
1.65	5.33	9.08	12.83	16.58	42	20.33	24.08	27.83	31.58	35.33
1.73	5.40	9.15	12.90	16.65	44	20.40	24.15	27.90	31.65	35.40
1.80	5.48	9.23	12.98	16.73	46	20.48	24.23	27.98	31.73	35.48
1.88	5.55	9.30	13.05	16.80	48	20.55	24.30	28.05	31.80	35.55
1.95	5.63	9.38	13.13	16.88	50	20.63	24.38	28.13	31.88	35.63

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.95	5.70	9.45	13.20	16.95	52	20.70	24.45	28.20	31.95	35.70
2.03	5.78	9.53	13.28	17.03	54	20.78	24.53	28.28	32.03	35.78
2.10	5.85	9.60	13.35	17.10	56	20.85	24.60	28.35	32.10	35.85
2.18	5.93	9.68	13.43	17.18	58	20.93	24.68	28.43	32.18	35.93
2.25	6.00	9.75	13.50	17.25	60	21.00	24.75	28.50	32.25	36.00
2.33	6.08	9.83	13.58	17.33	62	21.08	24.83	28.58	32.33	36.08
2.40	6.15	9.90	13.65	17.40	64	21.15	24.90	28.65	32.40	36.15
2.48	6.23	9.98	13.73	17.48	66	21.23	24.98	28.73	32.48	36.23
2.55	6.30	10.05	13.80	17.55	68	21.30	25.05	28.80	32.55	36.30
2.63	6.38	10.13	13.88	17.63	70	21.38	25.13	28.88	32.63	36.38
2.70	6.45	10.20	13.95	17.70	72	21.45	25.20	28.95	32.70	36.45
2.78	6.53	10.28	14.03	17.78	74	21.53	25.28	29.03	32.78	36.53
2.85	6.60	10.35	14.10	17.85	76	21.60	25.35	29.10	32.85	36.60
2.93	6.68	10.43	14.18	17.93	78	21.68	25.43	29.18	32.93	36.68
3.00	6.75	10.50	14.25	18.00	80	21.75	25.50	29.25	33.00	36.75
3.08	6.83	10.58	14.33	18.08	82	21.83	25.58	29.33	33.08	36.83
3.15	6.90	10.65	14.40	18.15	84	21.90	25.65	29.40	33.15	36.90
3.23	6.98	10.73	14.48	18.23	86	21.98	25.73	29.48	33.23	36.98
3.30	7.05	10.80	14.55	18.30	88	22.05	25.80	29.55	33.30	37.05
3.38	7.13	10.88	14.63	18.38	90	22.13	25.88	29.63	33.38	37.13
3.45	7.20	10.95	14.70	18.45	92	22.20	25.95	29.70	33.45	37.20
3.53	7.28	11.03	14.78	18.53	94	22.28	26.03	29.78	33.53	37.28
3.60	7.35	11.10	14.85	18.60	96	22.35	26.10	29.85	33.60	37.35
3.68	7.43	11.18	14.93	18.68	98	22.43	26.18	29.93	33.68	37.43

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
37.50	75.00	112.50	150.00		187.50	225.00	262.50	300.00	337.50
75.00	412.50	450.00	487.50	525.00	10	562.50	600.00	637.50	675.00
50.00	787.50	825.00	862.50	900.00	20	937.50	975.00	1012.50	1050.00



\$3.77½ Per 100

\$37.75 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
08	3.78	7.55	11.33	15.10		18.88	22.65	26.43	30.20	33.98
15	3.85	7.63	11.40	15.18	2	18.95	22.73	26.50	30.28	34.05
23	3.93	7.70	11.48	15.25	4	19.03	22.80	26.58	30.35	34.13
30	4.00	7.78	11.55	15.33	6	19.10	22.88	26.65	30.43	34.20
	4.08	7.85	11.63	15.40	8	19.18	22.95	26.73	30.50	34.28
	4.15	7.93	11.70	15.48	10	19.25	23.03	26.80	30.58	34.35
	4.23	8.00	11.78	15.55	12	19.33	23.10	26.88	30.65	34.43
	4.30	8.08	11.85	15.63	14	19.40	23.18	26.95	30.73	34.50
	4.38	8.15	11.93	15.70	16	19.48	23.25	27.03	30.80	34.58
	4.45	8.23	12.00	15.78	18	19.55	23.33	27.10	30.88	34.65
	4.53	8.31	12.08	15.86	20	19.63	23.41	27.18	30.96	34.73
	4.61	8.38	12.15	15.93	22	19.71	23.48	27.25	31.03	34.81
	4.68	8.46	12.23	16.01	24	19.78	23.56	27.33	31.11	34.88
	4.76	8.53	12.31	16.08	26	19.86	23.63	27.41	31.18	34.96
	4.83	8.61	12.38	16.16	28	19.93	23.71	27.48	31.26	35.03
	4.91	8.68	12.46	16.23	30	20.01	23.78	27.56	31.33	35.11
	4.98	8.76	12.53	16.31	32	20.08	23.86	27.63	31.41	35.18
	5.06	8.83	12.61	16.38	34	20.16	23.93	27.71	31.48	35.26
	5.13	8.91	12.68	16.46	36	20.23	24.01	27.78	31.56	35.33
	5.21	8.98	12.76	16.53	38	20.31	24.08	27.86	31.63	35.41
	5.29	9.06	12.84	16.61	40	20.39	24.16	27.94	31.71	35.49
	5.36	9.14	12.91	16.69	42	20.46	24.24	28.01	31.79	35.56
	5.44	9.21	12.99	16.76	44	20.54	24.31	28.09	31.86	35.64
	5.51	9.29	13.06	16.84	46	20.61	24.39	28.16	31.94	35.71
	5.59	9.36	13.14	16.91	48	20.69	24.46	28.24	32.01	35.79
	5.66	9.44	13.21	16.99	50	20.76	24.54	28.31	32.09	35.86

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.96	5.74	9.51	13.29	17.06	52	20.84	24.61	28.39	32.16	35.94
2.04	5.81	9.59	13.36	17.14	54	20.91	24.69	28.46	32.24	36.01
2.11	5.89	9.66	13.44	17.21	56	20.99	24.76	28.54	32.31	36.09
2.19	5.96	9.74	13.51	17.29	58	21.06	24.84	28.61	32.39	36.16
2.27	6.04	9.82	13.59	17.37	60	21.14	24.92	28.69	32.47	36.24
2.34	6.12	9.89	13.67	17.44	62	21.22	24.99	28.77	32.54	36.32
2.42	6.19	9.97	13.74	17.52	64	21.29	25.07	28.84	32.62	36.39
2.49	6.27	10.04	13.82	17.59	66	21.37	25.14	28.92	32.69	36.47
2.57	6.34	10.12	13.89	17.67	68	21.44	25.22	28.99	32.77	36.54
2.64	6.42	10.19	13.97	17.74	70	21.52	25.29	29.07	32.84	36.62
2.72	6.49	10.27	14.04	17.82	72	21.59	25.37	29.14	32.92	36.69
2.79	6.57	10.34	14.12	17.89	74	21.67	25.44	29.22	32.99	36.77
2.87	6.64	10.42	14.19	17.97	76	21.74	25.52	29.29	33.07	36.84
2.94	6.72	10.49	14.27	18.04	78	21.82	25.59	29.37	33.14	36.92
3.02	6.80	10.57	14.35	18.12	80	21.90	25.67	29.45	33.22	37.00
3.10	6.87	10.65	14.42	18.20	82	21.97	25.75	29.52	33.30	37.07
3.17	6.95	10.72	14.50	18.27	84	22.05	25.82	29.60	33.37	37.15
3.25	7.02	10.80	14.57	18.35	86	22.12	25.90	29.67	33.45	37.22
3.32	7.10	10.87	14.65	18.42	88	22.20	25.97	29.75	33.52	37.30
3.40	7.17	10.95	14.72	18.50	90	22.27	26.05	29.82	33.60	37.37
3.47	7.25	11.02	14.80	18.57	92	22.35	26.12	29.90	33.67	37.45
3.55	7.32	11.10	14.87	18.65	94	22.42	26.20	29.97	33.75	37.52
3.62	7.40	11.17	14.95	18.72	96	22.50	26.27	30.05	33.82	37.60
3.70	7.47	11.25	15.02	18.80	98	22.57	26.35	30.12	33.90	37.67

Above 1M.

1	2	3	4	M	5	6	7	8	9
37.75	75.50	113.25	151.00		188.75	226.50	264.25	302.00	339.75
377.50	415.25	453.00	490.75	528.50	566.25	604.00	641.75	679.50	717.25
755.00	792.75	830.50	868.25	906.00	943.75	981.50	1019.25	1057.00	1094.75

\$54

\$38

\$39

\$40

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

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\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
.08	3.80	7.60	11.40	15.20		19.00	22.80	26.60	30.40	34.20
.15	3.88	7.68	11.48	15.28	2	19.08	22.88	26.68	30.48	34.28
.23	3.95	7.75	11.55	15.35	4	19.15	22.95	26.75	30.55	34.35
.30	4.03	7.83	11.63	15.43	6	19.23	23.03	26.83	30.63	34.43
.38	4.10	7.90	11.70	15.50	8	19.30	23.10	26.90	30.70	34.50
.46	4.18	7.98	11.78	15.58	10	19.38	23.18	26.98	30.78	34.58
.53	4.26	8.06	11.86	15.66	12	19.46	23.26	27.06	30.86	34.66
.61	4.33	8.13	11.93	15.73	14	19.53	23.33	27.13	30.93	34.73
.68	4.41	8.21	12.01	15.81	16	19.61	23.41	27.21	31.01	34.81
.76	4.48	8.28	12.08	15.88	18	19.68	23.48	27.28	31.08	34.88
.84	4.56	8.36	12.16	15.96	20	19.76	23.56	27.36	31.16	34.96
.91	4.64	8.44	12.24	16.04	22	19.84	23.64	27.44	31.24	35.04
.99	4.71	8.51	12.31	16.11	24	19.91	23.71	27.51	31.31	35.11
1.06	4.79	8.59	12.39	16.19	26	19.99	23.79	27.59	31.39	35.19
1.14	4.86	8.66	12.46	16.26	28	20.06	23.86	27.66	31.46	35.26
1.22	4.94	8.74	12.54	16.34	30	20.14	23.94	27.74	31.54	35.34
1.29	5.02	8.82	12.62	16.42	32	20.22	24.02	27.82	31.62	35.42
1.37	5.09	8.89	12.69	16.49	34	20.29	24.09	27.89	31.69	35.49
1.44	5.17	8.97	12.77	16.57	36	20.37	24.17	27.97	31.77	35.57
1.52	5.24	9.04	12.84	16.64	38	20.44	24.24	28.04	31.84	35.64
1.60	5.32	9.12	12.92	16.72	40	20.52	24.32	28.12	31.92	35.72
1.67	5.40	9.20	13.00	16.80	42	20.60	24.40	28.20	32.00	35.80
1.75	5.47	9.27	13.07	16.87	44	20.67	24.47	28.27	32.07	35.87
1.82	5.55	9.35	13.15	16.95	46	20.75	24.55	28.35	32.15	35.95
1.90	5.62	9.42	13.22	17.02	48	20.82	24.62	28.42	32.22	36.02
1.98	5.70	9.50	13.30	17.10	50	20.90	24.70	28.50	32.30	36.10

2 to 98	100	200	300	400 feet	500	600	700	800	900	
1.98	5.78	9.58	13.38	17.18	52	20.98	24.78	28.58	32.38	36.18
2.05	5.85	9.65	13.45	17.25	54	21.05	24.85	28.65	32.45	36.25
2.13	5.93	9.73	13.53	17.33	56	21.13	24.93	28.73	32.53	36.33
2.20	6.00	9.80	13.60	17.40	58	21.20	25.00	28.80	32.60	36.40
2.28	6.08	9.88	13.68	17.48	60	21.28	25.08	28.88	32.68	36.48
2.36	6.16	9.96	13.76	17.56	62	21.36	25.16	28.96	32.76	36.56
2.43	6.23	10.03	13.83	17.63	64	21.43	25.23	29.03	32.83	36.63
2.51	6.31	10.11	13.91	17.71	66	21.51	25.31	29.11	32.91	36.71
2.58	6.38	10.18	13.98	17.78	68	21.58	25.38	29.18	32.98	36.78
2.66	6.46	10.26	14.06	17.86	70	21.66	25.46	29.26	33.06	36.86
2.74	6.54	10.34	14.14	17.94	72	21.74	25.54	29.34	33.14	36.94
2.81	6.61	10.41	14.21	18.01	74	21.81	25.61	29.41	33.21	37.01
2.89	6.69	10.49	14.29	18.09	76	21.89	25.69	29.49	33.29	37.09
2.96	6.76	10.56	14.36	18.16	78	21.96	25.76	29.56	33.36	37.16
3.04	6.84	10.64	14.44	18.24	80	22.04	25.84	29.64	33.44	37.24
3.12	6.92	10.72	14.52	18.32	82	22.12	25.92	29.72	33.52	37.32
3.19	6.99	10.79	14.59	18.39	84	22.19	25.99	29.79	33.59	37.39
3.27	7.07	10.87	14.67	18.47	86	22.27	26.07	29.87	33.67	37.47
3.34	7.14	10.94	14.74	18.54	88	22.34	26.14	29.94	33.74	37.54
3.42	7.22	11.02	14.82	18.62	90	22.42	26.22	30.02	33.82	37.62
3.50	7.30	11.10	14.90	18.70	92	22.50	26.30	30.10	33.90	37.70
3.57	7.37	11.17	14.97	18.77	94	22.57	26.37	30.17	33.97	37.77
3.65	7.45	11.25	15.05	18.85	96	22.65	26.45	30.25	34.05	37.85
3.72	7.52	11.32	15.12	18.92	98	22.72	26.52	30.32	34.12	37.92

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
38.00	78.00	114.00	152.00		190.00	228.00	268.00	304.00	342.00
880.00	418.00	458.00	494.00	532.00	10	570.00	608.00	648.00	684.00
760.00	798.00	836.00	874.00	912.00	20	950.00	988.00	1026.00	1064.00
								1102.00	1102.00



\$3.82½ Per 100

\$38.25 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
08	3.83	7.65	11.48	15.30	2	19.13	22.95	26.78	30.60	34.43
15	3.90	7.73	11.55	15.38	4	19.20	23.03	26.85	30.68	34.50
23	3.98	7.80	11.63	15.45	6	19.28	23.10	26.93	30.75	34.58
31	4.05	7.88	11.70	15.53	8	19.35	23.18	27.00	30.83	34.65
38	4.13	7.96	11.78	15.61	10	19.43	23.26	27.08	30.91	34.73
46	4.21	8.03	11.86	15.68	12	19.51	23.33	27.16	30.98	34.81
54	4.28	8.11	11.93	15.76	14	19.58	23.41	27.23	31.06	34.88
61	4.36	8.19	12.01	15.84	16	19.66	23.49	27.31	31.14	34.96
69	4.44	8.26	12.09	15.91	18	19.74	23.56	27.39	31.21	35.04
77	4.51	8.34	12.16	15.99	20	19.81	23.64	27.46	31.29	35.11
84	4.59	8.42	12.24	16.07	22	19.89	23.72	27.54	31.37	35.19
92	4.67	8.49	12.32	16.14	24	19.97	23.79	27.62	31.44	35.27
99	4.74	8.57	12.39	16.22	26	20.04	23.87	27.69	31.52	35.34
1.07	4.82	8.64	12.47	16.29	28	20.12	23.94	27.77	31.59	35.42
1.15	4.90	8.72	12.55	16.37	30	20.20	24.02	27.85	31.67	35.50
1.22	4.97	8.80	12.62	16.45	32	20.27	24.10	27.92	31.75	35.57
1.30	5.05	8.87	12.70	16.52	34	20.35	24.17	28.00	31.82	35.65
1.38	5.13	8.95	12.78	16.60	36	20.43	24.25	28.08	31.90	35.73
1.45	5.20	9.03	12.85	16.68	38	20.50	24.33	28.15	31.98	35.80
1.53	5.28	9.10	12.93	16.75	40	20.58	24.40	28.23	32.05	35.88
1.61	5.36	9.18	13.01	16.83	42	20.66	24.48	28.31	32.13	35.96
1.68	5.43	9.26	13.08	16.91	44	20.73	24.56	28.38	32.21	36.03
1.76	5.51	9.33	13.16	16.98	46	20.81	24.63	28.46	32.28	36.11
1.84	5.58	9.41	13.23	17.06	48	20.88	24.71	28.53	32.36	36.18
1.91	5.66	9.49	13.31	17.14	50	20.96	24.79	28.61	32.44	36.26
1.98	5.74	9.56	13.39	17.21	52	21.04	24.86	28.69	32.51	36.34

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.99	5.81	9.64	13.46	17.29	54	21.11	24.94	28.76	32.59	36.41
2.07	5.89	9.72	13.54	17.37	56	21.19	25.02	28.84	32.67	36.49
2.14	5.97	9.79	13.62	17.44	58	21.27	25.09	28.92	32.74	36.57
2.22	6.04	9.87	13.69	17.52	60	21.34	25.17	28.99	32.82	36.64
2.30	6.12	9.95	13.77	17.60	62	21.42	25.25	29.07	32.90	36.72
2.37	6.20	10.02	13.85	17.67	64	21.50	25.32	29.15	32.97	36.80
2.45	6.27	10.10	13.92	17.75	66	21.57	25.40	29.22	33.05	36.87
2.52	6.35	10.17	14.00	17.82	68	21.65	25.47	29.30	33.12	36.95
2.60	6.43	10.25	14.08	17.90	70	21.73	25.55	29.38	33.20	37.03
2.68	6.50	10.33	14.15	17.98	72	21.80	25.63	29.45	33.28	37.10
2.75	6.58	10.40	14.23	18.05	74	21.88	25.70	29.53	33.35	37.18
2.83	6.66	10.48	14.31	18.13	76	21.96	25.78	29.61	33.43	37.26
2.91	6.73	10.56	14.38	18.21	78	22.03	25.86	29.68	33.51	37.33
2.98	6.81	10.63	14.46	18.28	80	22.11	25.93	29.76	33.58	37.41
3.06	6.89	10.71	14.54	18.36	82	22.19	26.01	29.84	33.66	37.49
3.14	6.96	10.79	14.61	18.44	84	22.26	26.09	29.91	33.74	37.56
3.21	7.04	10.86	14.69	18.51	86	22.34	26.16	29.99	33.81	37.64
3.29	7.11	10.94	14.76	18.59	88	22.41	26.24	30.06	33.89	37.71
3.37	7.19	11.02	14.84	18.67	90	22.49	26.32	30.14	33.97	37.79
3.44	7.27	11.09	14.92	18.74	92	22.57	26.39	30.22	34.04	37.87
3.52	7.34	11.17	14.99	18.82	94	22.64	26.47	30.29	34.12	37.94
3.60	7.42	11.25	15.07	18.90	96	22.72	26.55	30.37	34.20	38.02
3.67	7.50	11.32	15.15	18.97	98	22.80	26.62	30.45	34.27	38.10
3.75	7.57	11.40	15.22	19.05		22.87	26.70	30.52	34.35	38.17

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
88.25	76.50	114.75	153.00	191.25	229.50	267.75	306.00	344.25	
382.50	420.75	459.00	497.25	535.50	573.75	612.00	650.25	688.50	
765.00	803.25	841.50	879.75	918.00	956.25	994.50	1032.75	1071.00	1109.25

\$54

\$38

\$39

\$40

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400 feet	500	600	700	800	900
3.85	7.70	11.55	15.40	19.25	23.10	26.95	30.80	34.65	
4.08	3.93	7.78	11.63	15.48	19.33	23.18	27.03	30.88	34.73
4.15	4.00	7.85	11.70	15.55	19.40	23.25	27.10	30.95	34.80
4.23	4.08	7.93	11.78	15.63	19.48	23.33	27.18	31.03	34.88
4.31	4.16	8.01	11.86	15.71	19.56	23.41	27.26	31.11	34.96
4.39	4.24	8.09	11.94	15.79	19.64	23.49	27.34	31.19	35.04
4.46	4.31	8.16	12.01	15.86	19.71	23.56	27.41	31.26	35.11
4.54	4.39	8.24	12.09	15.94	19.79	23.64	27.49	31.34	35.19
4.62	4.47	8.32	12.17	16.02	19.87	23.72	27.57	31.42	35.27
4.69	4.54	8.39	12.24	16.09	19.94	23.79	27.64	31.49	35.34
4.77	4.62	8.47	12.32	16.17	20.02	23.87	27.72	31.57	35.42
4.85	4.70	8.55	12.40	16.25	20.10	23.95	27.80	31.65	35.50
4.92	4.77	8.62	12.47	16.32	20.17	24.02	27.87	31.72	35.57
5.00	4.85	8.70	12.55	16.40	20.25	24.10	27.95	31.80	35.65
5.08	4.93	8.78	12.63	16.48	20.33	24.18	28.03	31.88	35.73
5.16	5.01	8.86	12.71	16.56	20.41	24.26	28.11	31.96	35.81
5.23	5.08	8.93	12.78	16.63	20.48	24.33	28.18	32.03	35.88
5.31	5.16	9.01	12.86	16.71	20.56	24.41	28.26	32.11	35.96
5.39	5.24	9.09	12.94	16.79	20.64	24.49	28.34	32.19	36.04
5.46	5.31	9.16	13.01	16.86	20.71	24.56	28.41	32.26	36.11
5.54	5.39	9.24	13.09	16.94	20.79	24.64	28.49	32.34	36.19
5.62	5.47	9.32	13.17	17.02	20.87	24.72	28.57	32.42	36.27
5.69	5.54	9.39	13.24	17.09	20.94	24.79	28.64	32.49	36.34
5.77	5.62	9.47	13.32	17.17	21.02	24.87	28.72	32.57	36.42
5.85	5.70	9.55	13.40	17.25	21.10	24.95	28.80	32.65	36.50
5.93	5.78	9.63	13.48	17.33	21.18	25.03	28.88	32.73	36.58

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.00	5.85	9.70	13.55	17.40	21.25	25.10	28.95	32.80	36.65
2.08	5.93	9.78	13.63	17.48	21.33	25.18	29.03	32.88	36.73
2.16	6.01	9.86	13.71	17.56	21.41	25.26	29.11	32.96	36.81
2.23	6.08	9.93	13.78	17.63	21.48	25.33	29.18	33.03	36.88
2.31	6.16	10.01	13.86	17.71	21.56	25.41	29.26	33.11	36.96
2.39	6.24	10.09	13.94	17.79	21.64	25.49	29.34	33.19	37.04
2.46	6.31	10.16	14.01	17.86	21.71	25.56	29.41	33.26	37.11
2.54	6.39	10.24	14.09	17.94	21.79	25.64	29.49	33.34	37.19
2.62	6.47	10.32	14.17	18.02	21.87	25.72	29.57	33.42	37.27
2.70	6.55	10.40	14.25	18.10	21.95	25.80	29.65	33.50	37.35
2.77	6.62	10.47	14.32	18.17	22.02	25.87	29.72	33.57	37.42
2.85	6.70	10.55	14.40	18.25	22.10	25.95	29.80	33.65	37.50
2.93	6.78	10.63	14.48	18.33	22.18	26.03	29.88	33.73	37.58
3.00	6.85	10.70	14.55	18.40	22.25	26.10	29.95	33.80	37.65
3.08	6.93	10.78	14.63	18.48	22.33	26.18	30.03	33.88	37.73
3.16	7.01	10.86	14.71	18.56	22.41	26.26	30.11	33.96	37.81
3.23	7.08	10.93	14.78	18.63	22.48	26.33	30.18	34.03	37.88
3.31	7.16	11.01	14.86	18.71	22.56	26.41	30.26	34.11	37.96
3.39	7.24	11.09	14.94	18.79	22.64	26.49	30.34	34.19	38.04
3.47	7.32	11.17	15.02	18.87	22.72	26.57	30.42	34.27	38.12
3.54	7.39	11.24	15.09	18.94	22.79	26.64	30.49	34.34	38.19
3.62	7.47	11.32	15.17	19.02	22.87	26.72	30.57	34.42	38.27
3.70	7.55	11.40	15.25	19.10	22.95	26.80	30.65	34.50	38.35
3.77	7.62	11.47	15.32	19.17	23.02	26.87	30.72	34.57	38.42

Above 1 M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
38.50	38.50	77.00	115.50	154.00	192.50	231.00	269.50	308.00	346.50
885.00	423.50	462.00	500.50	539.00	577.50	616.00	654.50	693.00	731.50
770.00	808.50	847.00	885.50	924.00	962.50	1001.00	1039.50	1078.00	1116.50



\$3.87½ Per 100

\$38.75 Per M.

135

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.08	3.83	7.75	11.63	15.50	2	19.38	23.25	27.13	31.00	34.88
1.16	3.95	7.83	11.70	15.58	4	19.45	23.33	27.20	31.08	34.95
1.23	4.03	7.91	11.78	15.66	6	19.53	23.41	27.28	31.16	35.03
1.31	4.11	7.98	11.86	15.73	8	19.61	23.48	27.36	31.23	35.11
1.39	4.19	8.06	11.94	15.81	10	19.69	23.56	27.44	31.31	35.19
1.47	4.26	8.14	12.01	15.89	12	19.76	23.64	27.51	31.39	35.26
1.54	4.34	8.22	12.09	15.97	14	19.84	23.72	27.59	31.47	35.34
1.62	4.42	8.29	12.17	16.04	16	19.92	23.79	27.67	31.54	35.42
1.70	4.50	8.37	12.25	16.12	18	20.00	23.87	27.75	31.62	35.50
1.78	4.57	8.45	12.32	16.20	20	20.07	23.95	27.82	31.70	35.57
1.85	4.65	8.53	12.40	16.28	22	20.15	24.03	27.90	31.78	35.65
1.93	4.73	8.60	12.48	16.35	24	20.23	24.10	27.98	31.85	35.73
2.01	4.81	8.68	12.56	16.43	26	20.31	24.18	28.06	31.93	35.81
2.09	4.88	8.76	12.63	16.51	28	20.38	24.26	28.13	32.01	35.88
2.16	4.96	8.84	12.71	16.59	30	20.46	24.34	28.21	32.09	35.96
2.24	5.04	8.91	12.79	16.66	32	20.54	24.41	28.29	32.16	36.04
2.32	5.12	8.99	12.87	16.74	34	20.62	24.49	28.37	32.24	36.12
2.40	5.19	9.07	12.94	16.82	36	20.69	24.57	28.44	32.32	36.19
2.47	5.27	9.15	13.02	16.90	38	20.77	24.65	28.52	32.40	36.27
2.55	5.35	9.22	13.10	16.97	40	20.85	24.72	28.60	32.47	36.35
2.63	5.43	9.30	13.18	17.05	42	20.93	24.80	28.68	32.55	36.43
2.71	5.50	9.38	13.25	17.13	44	21.00	24.88	28.75	32.63	36.50
2.78	5.58	9.46	13.33	17.21	46	21.08	24.96	28.83	32.71	36.58
2.86	5.66	9.53	13.41	17.28	48	21.16	25.03	28.91	32.78	36.66
2.94	5.74	9.61	13.49	17.36	50	21.24	25.11	28.99	32.86	36.74
3.02	5.81	9.69	13.56	17.44	52	21.31	25.19	29.06	32.94	36.81

2 to 98	100	200	300	400	feet	500	600	700	800	900
3.10	5.89	9.77	13.64	17.52	54	21.39	25.27	29.14	33.02	36.89
3.18	5.97	9.84	13.72	17.59	56	21.47	25.34	29.22	33.09	36.97
3.26	6.05	9.92	13.80	17.67	58	21.55	25.42	29.30	33.17	37.05
3.33	6.12	10.00	13.87	17.75	60	21.62	25.50	29.37	33.25	37.12
3.41	6.20	10.08	13.95	17.83	62	21.70	25.58	29.45	33.33	37.20
3.49	6.28	10.15	14.03	17.90	64	21.78	25.65	29.53	33.40	37.28
3.57	6.36	10.23	14.11	17.98	66	21.86	25.73	29.61	33.48	37.36
3.64	6.43	10.31	14.18	18.06	68	21.93	25.81	29.68	33.56	37.43
3.72	6.51	10.39	14.26	18.14	70	22.01	25.89	29.76	33.64	37.51
3.80	6.59	10.46	14.34	18.21	72	22.09	25.96	29.84	33.71	37.59
3.88	6.67	10.54	14.42	18.29	74	22.17	26.04	29.92	33.79	37.67
3.96	6.74	10.62	14.49	18.37	76	22.24	26.12	29.99	33.87	37.74
4.04	6.82	10.70	14.57	18.45	78	22.32	26.20	30.07	33.95	37.82
4.12	6.90	10.77	14.65	18.52	80	22.40	26.27	30.15	34.02	37.90
4.20	6.98	10.85	14.73	18.60	82	22.48	26.35	30.23	34.10	37.98
4.28	7.05	10.93	14.80	18.68	84	22.55	26.43	30.30	34.18	38.05
4.36	7.13	11.01	14.88	18.76	86	22.63	26.51	30.38	34.26	38.13
4.44	7.21	11.08	14.96	18.83	88	22.71	26.58	30.46	34.33	38.21
4.52	7.29	11.16	15.04	18.91	90	22.79	26.66	30.54	34.41	38.29
4.60	7.36	11.24	15.11	18.99	92	22.86	26.74	30.61	34.49	38.36
4.68	7.44	11.32	15.19	19.07	94	22.94	26.82	30.69	34.57	38.44
4.76	7.52	11.39	15.27	19.14	96	23.02	26.89	30.77	34.64	38.52
4.84	7.60	11.47	15.35	19.22	98	23.10	26.97	30.85	34.72	38.60
4.92	7.67	11.55	15.42	19.30	100	23.17	27.05	30.92	34.80	38.67

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
38.75	77.50	116.25	155.00	10	193.75	232.50	271.25	310.00	348.75
426.25	465.00	503.75	542.50	10	581.25	620.00	658.75	697.50	736.25
775.00	813.75	852.50	891.25	20	968.75	1007.50	1046.25	1085.00	1123.75

2 to 98	100	200	300	400 feet	500	600	700	800	900
.08	3.90	7.80	11.70	15.60	19.50	23.40	27.30	31.20	35.10
.16	3.98	7.88	11.78	15.68	2	19.58	23.48	27.38	31.28
.23	4.06	7.96	11.86	15.76	4	19.66	23.56	27.46	31.36
.31	4.13	8.03	11.93	15.83	6	19.73	23.63	27.53	31.43
.39	4.21	8.11	12.01	15.91	8	19.81	23.71	27.61	31.51
.47	4.29	8.19	12.09	15.99	10	19.89	23.79	27.69	31.59
.55	4.37	8.27	12.17	16.07	12	19.97	23.87	27.77	31.67
.62	4.45	8.35	12.25	16.15	14	20.05	23.95	27.85	31.75
.70	4.52	8.42	12.32	16.22	16	20.12	24.02	27.92	31.82
.78	4.60	8.50	12.40	16.30	18	20.20	24.10	28.00	31.90
.86	4.68	8.58	12.48	16.38	20	20.28	24.18	28.08	31.98
.94	4.76	8.66	12.56	16.46	22	20.36	24.26	28.16	32.06
1.01	4.84	8.74	12.64	16.54	24	20.44	24.34	28.24	32.14
1.09	4.91	8.81	12.71	16.61	26	20.51	24.41	28.31	32.21
1.17	4.99	8.89	12.79	16.69	28	20.59	24.49	28.39	32.29
1.25	5.07	8.97	12.87	16.77	30	20.67	24.57	28.47	32.37
1.33	5.15	9.05	12.95	16.85	32	20.75	24.65	28.55	32.45
1.40	5.23	9.13	13.03	16.93	34	20.83	24.73	28.63	32.53
1.48	5.30	9.20	13.10	17.00	36	20.90	24.80	28.70	32.60
1.56	5.38	9.28	13.18	17.08	38	20.98	24.88	28.78	32.68
1.64	5.46	9.36	13.26	17.16	40	21.06	24.96	28.86	32.76
1.72	5.54	9.44	13.34	17.24	42	21.14	25.04	28.94	32.84
1.79	5.62	9.52	13.42	17.32	44	21.22	25.12	29.02	32.92
1.87	5.69	9.59	13.49	17.39	46	21.29	25.19	29.09	32.99
1.95	5.77	9.67	13.57	17.47	48	21.37	25.27	29.17	33.07
2.03	5.85	9.75	13.65	17.55	50	21.45	25.35	29.25	33.15

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.03	5.93	9.83	13.73	17.63	52	21.53	25.43	29.33	33.23
2.11	6.01	9.91	13.81	17.71	54	21.61	25.51	29.41	33.31
2.18	6.08	9.98	13.88	17.78	56	21.68	25.58	29.48	33.38
2.26	6.16	10.06	13.96	17.86	58	21.76	25.66	29.56	33.46
2.34	6.24	10.14	14.04	17.94	60	21.84	25.74	29.64	33.54
2.42	6.32	10.22	14.12	18.02	62	21.92	25.82	29.72	33.62
2.50	6.40	10.30	14.20	18.10	64	22.00	25.90	29.80	33.70
2.57	6.47	10.37	14.27	18.17	66	22.07	25.97	29.87	33.77
2.65	6.55	10.45	14.35	18.25	68	22.15	26.05	29.95	33.85
2.73	6.63	10.53	14.43	18.33	70	22.23	26.13	30.03	33.93
2.81	6.71	10.61	14.51	18.41	72	22.31	26.21	30.11	34.01
2.89	6.79	10.69	14.59	18.49	74	22.39	26.29	30.19	34.09
2.96	6.86	10.76	14.66	18.56	76	22.46	26.36	30.26	34.16
3.04	6.94	10.84	14.74	18.64	78	22.54	26.44	30.34	34.24
3.12	7.02	10.92	14.82	18.72	80	22.62	26.52	30.42	34.32
3.20	7.10	11.00	14.90	18.80	82	22.70	26.60	30.50	34.40
3.28	7.18	11.08	14.98	18.88	84	22.78	26.68	30.58	34.48
3.35	7.25	11.15	15.05	18.95	86	22.85	26.75	30.65	34.55
3.43	7.33	11.23	15.13	19.03	88	22.93	26.83	30.73	34.63
3.51	7.41	11.31	15.21	19.11	90	23.01	26.91	30.81	34.71
3.59	7.49	11.39	15.29	19.19	92	23.09	26.99	30.89	34.79
3.67	7.57	11.47	15.37	19.27	94	23.17	27.07	30.97	34.87
3.74	7.64	11.54	15.44	19.34	96	23.24	27.14	31.04	34.94
3.82	7.72	11.62	15.52	19.42	98	23.32	27.22	31.12	35.02

## Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
39.00	78.00	117.00	156.00	195.00	234.00	273.00	312.00	351.00	
390.00	429.00	468.00	507.00	546.00	585.00	624.00	663.00	702.00	741.00
780.00	819.00	858.00	897.00	936.00	975.00	1014.00	1053.00	1092.00	1131.00



\$3.92½ Per 100

\$39.25 Per M.

137

2 to 98	100	200	300	400	feet	500	600	700	800	900
.08	3.93	7.85	11.78	15.70	2	19.63	23.55	27.48	31.40	35.33
.16	4.00	7.93	11.85	15.78	4	19.70	23.63	27.55	31.48	35.40
.24	4.08	8.01	11.93	15.86	6	19.78	23.71	27.63	31.56	35.48
.31	4.16	8.09	12.01	15.94	8	19.86	23.79	27.71	31.64	35.56
.39	4.24	8.16	12.09	16.01	10	19.94	23.86	27.79	31.71	35.64
.47	4.32	8.24	12.17	16.09	12	20.02	23.94	27.87	31.79	35.72
.55	4.40	8.32	12.25	16.17	14	20.10	24.02	27.95	31.87	35.80
.63	4.47	8.40	12.32	16.25	16	20.17	24.10	28.02	31.95	35.87
.71	4.55	8.48	12.40	16.33	18	20.25	24.18	28.10	32.03	35.95
.79	4.63	8.56	12.48	16.41	20	20.33	24.26	28.18	32.11	36.03
.86	4.71	8.64	12.56	16.49	22	20.41	24.34	28.26	32.19	36.11
.94	4.79	8.71	12.64	16.56	24	20.49	24.41	28.34	32.26	36.19
1.02	4.87	8.79	12.72	16.64	26	20.57	24.49	28.42	32.34	36.27
1.10	4.95	8.87	12.80	16.72	28	20.65	24.57	28.50	32.42	36.35
1.18	5.02	8.95	12.87	16.80	30	20.72	24.65	28.57	32.50	36.42
1.26	5.10	9.03	12.95	16.88	32	20.80	24.73	28.65	32.58	36.50
1.33	5.18	9.11	13.03	16.96	34	20.88	24.81	28.73	32.66	36.58
1.41	5.26	9.18	13.11	17.03	36	20.96	24.88	28.81	32.73	36.66
1.49	5.34	9.26	13.19	17.11	38	21.04	24.96	28.89	32.81	36.74
1.57	5.42	9.34	13.27	17.19	40	21.12	25.04	28.97	32.89	36.82
1.65	5.50	9.42	13.35	17.27	42	21.20	25.12	29.05	32.97	36.90
1.73	5.57	9.50	13.42	17.35	44	21.27	25.20	29.12	33.05	36.97
1.81	5.65	9.58	13.50	17.43	46	21.35	25.28	29.20	33.13	37.05
1.88	5.73	9.66	13.58	17.51	48	21.43	25.36	29.28	33.21	37.13
1.96	5.81	9.73	13.66	17.58	50	21.51	25.43	29.36	33.28	37.21
2.04	5.89	9.81	13.74	17.66	52	21.59	25.51	29.44	33.36	37.29

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.04	5.97	9.89	13.82	17.74	52	21.67	25.59	29.52	33.44	37.37
2.12	6.04	9.97	13.89	17.82	54	21.74	25.67	29.59	33.52	37.44
2.20	6.12	10.05	13.97	17.90	56	21.82	25.75	29.67	33.60	37.52
2.28	6.20	10.13	14.05	17.98	58	21.90	25.83	29.75	33.68	37.60
2.36	6.28	10.21	14.13	18.06	60	21.98	25.91	29.83	33.76	37.68
2.43	6.36	10.28	14.21	18.13	62	22.06	25.98	29.91	33.83	37.76
2.51	6.44	10.36	14.29	18.21	64	22.14	26.06	29.99	33.91	37.84
2.59	6.52	10.44	14.37	18.29	66	22.22	26.14	30.07	33.99	37.92
2.67	6.59	10.52	14.44	18.37	68	22.29	26.22	30.14	34.07	37.99
2.75	6.67	10.60	14.52	18.45	70	22.37	26.30	30.22	34.15	38.07
2.83	6.75	10.68	14.60	18.53	72	22.45	26.38	30.30	34.23	38.15
2.90	6.83	10.75	14.68	18.60	74	22.53	26.45	30.38	34.30	38.23
2.98	6.91	10.83	14.76	18.68	76	22.61	26.53	30.46	34.38	38.31
3.06	6.99	10.91	14.84	18.76	78	22.69	26.61	30.54	34.46	38.39
3.14	7.07	10.99	14.92	18.84	80	22.77	26.69	30.62	34.54	38.47
3.22	7.14	11.07	14.99	18.92	82	22.84	26.77	30.69	34.62	38.54
3.30	7.22	11.15	15.07	19.00	84	22.92	26.85	30.77	34.70	38.62
3.38	7.30	11.23	15.15	19.08	86	23.00	26.93	30.85	34.78	38.70
3.45	7.38	11.30	15.23	19.15	88	23.08	27.00	30.93	34.85	38.78
3.53	7.46	11.38	15.31	19.23	90	23.16	27.08	31.01	34.93	38.86
3.61	7.54	11.46	15.39	19.31	92	23.24	27.16	31.09	35.01	38.94
3.69	7.61	11.54	15.46	19.39	94	23.31	27.24	31.16	35.09	39.01
3.77	7.69	11.62	15.54	19.47	96	23.39	27.32	31.24	35.17	39.09
3.85	7.77	11.70	15.62	19.55	98	23.47	27.40	31.32	35.25	39.17

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
39.25	78.50	117.75	157.00	10	196.25	235.50	274.75	314.00	353.25
392.50	431.75	471.00	510.25	10	588.75	628.00	667.25	706.50	745.75
785.00	824.25	863.50	902.75	20	981.25	1020.50	1059.75	1099.00	1138.25

\$54

\$39

\$40

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.95	7.90	11.85	15.80	2	19.75	23.70	27.65	31.60	35.55
.08	4.03	7.98	11.93	15.88	2	19.83	23.78	27.73	31.68	35.63
.16	4.11	8.06	12.01	15.96	4	19.91	23.86	27.81	31.76	35.71
.24	4.19	8.14	12.09	16.04	6	19.99	23.94	27.89	31.84	35.79
.32	4.27	8.22	12.17	16.12	8	20.07	24.02	27.97	31.92	35.87
.40	4.35	8.30	12.25	16.20	10	20.15	24.10	28.05	32.00	35.95
.47	4.42	8.37	12.32	16.27	12	20.22	24.17	28.12	32.07	36.02
.55	4.50	8.45	12.40	16.35	14	20.30	24.25	28.20	32.15	36.10
.63	4.58	8.53	12.48	16.43	16	20.38	24.33	28.28	32.23	36.18
.71	4.66	8.61	12.56	16.51	18	20.46	24.41	28.36	32.31	36.26
.79	4.74	8.69	12.64	16.59	20	20.54	24.49	28.44	32.39	36.34
.87	4.82	8.77	12.72	16.67	22	20.62	24.57	28.52	32.47	36.42
.95	4.90	8.85	12.80	16.75	24	20.70	24.65	28.60	32.55	36.50
1.03	4.98	8.93	12.88	16.83	26	20.78	24.73	28.68	32.63	36.58
1.11	5.06	9.01	12.96	16.91	28	20.86	24.81	28.76	32.71	36.66
1.19	5.14	9.09	13.04	16.99	30	20.94	24.89	28.84	32.79	36.74
1.26	5.21	9.16	13.11	17.06	32	21.01	24.96	28.91	32.86	36.81
1.34	5.29	9.24	13.19	17.14	34	21.09	25.04	28.99	32.94	36.89
1.42	5.37	9.32	13.27	17.22	36	21.17	25.12	29.07	33.02	36.97
1.50	5.45	9.40	13.35	17.30	38	21.25	25.20	29.15	33.10	37.05
1.58	5.53	9.48	13.43	17.38	40	21.33	25.28	29.23	33.18	37.13
1.66	5.61	9.56	13.51	17.46	42	21.41	25.36	29.31	33.26	37.21
1.74	5.69	9.64	13.59	17.54	44	21.49	25.44	29.39	33.34	37.29
1.82	5.77	9.72	13.67	17.62	46	21.57	25.52	29.47	33.42	37.37
1.90	5.85	9.80	13.75	17.70	48	21.65	25.60	29.55	33.50	37.45
1.98	5.93	9.88	13.83	17.78	50	21.73	25.68	29.63	33.58	37.53

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.05	6.00	9.95	13.90	17.85	52	21.80	25.75	29.70	33.65	37.60
2.13	6.08	10.03	13.98	17.93	54	21.88	25.83	29.78	33.73	37.68
2.21	6.16	10.11	14.06	18.01	56	21.96	25.91	29.86	33.81	37.76
2.29	6.24	10.19	14.14	18.09	58	22.04	25.99	29.94	33.89	37.84
2.37	6.32	10.27	14.22	18.17	60	22.12	26.07	30.02	33.97	37.92
2.45	6.40	10.35	14.30	18.25	62	22.20	26.15	30.10	34.05	38.00
2.53	6.48	10.43	14.38	18.33	64	22.28	26.23	30.18	34.13	38.08
2.61	6.56	10.51	14.46	18.41	66	22.36	26.31	30.26	34.21	38.16
2.69	6.64	10.59	14.54	18.49	68	22.44	26.39	30.34	34.29	38.24
2.77	6.72	10.67	14.62	18.57	70	22.52	26.47	30.42	34.37	38.32
2.84	6.79	10.74	14.69	18.64	72	22.59	26.54	30.49	34.44	38.39
2.92	6.87	10.82	14.77	18.72	74	22.67	26.62	30.57	34.52	38.47
3.00	6.95	10.90	14.85	18.80	76	22.75	26.70	30.65	34.60	38.55
3.08	7.03	10.98	14.93	18.88	78	22.83	26.78	30.73	34.68	38.63
3.16	7.11	11.06	15.01	18.96	80	22.91	26.86	30.81	34.76	38.71
3.24	7.19	11.14	15.09	19.04	82	22.99	26.94	30.89	34.84	38.79
3.32	7.27	11.22	15.17	19.12	84	23.07	27.02	30.97	34.92	38.87
3.40	7.35	11.30	15.25	19.20	86	23.15	27.10	31.05	35.00	38.95
3.48	7.43	11.38	15.33	19.28	88	23.23	27.18	31.13	35.08	39.03
3.56	7.51	11.46	15.41	19.36	90	23.31	27.26	31.21	35.16	39.11
3.63	7.58	11.53	15.48	19.43	92	23.38	27.33	31.28	35.23	39.18
3.71	7.66	11.61	15.56	19.51	94	23.46	27.41	31.36	35.31	39.26
3.79	7.74	11.69	15.64	19.59	96	23.54	27.49	31.44	35.39	39.34
3.87	7.82	11.77	15.72	19.67	98	23.62	27.57	31.52	35.47	39.42

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
39.50	79.00	118.50	158.00		197.50	237.00	276.50	316.00	355.50
395.00	434.50	474.00	513.50	553.00	592.50	632.00	671.50	711.00	750.50
790.00	829.50	869.00	908.50	948.00	987.50	1027.00	1066.50	1106.00	1145.50



\$3.97½ Per 100

\$39.75 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
	3.98	7.95	11.93	15.90		19.88	23.85	27.83	31.80	35.78
.08	4.05	8.03	12.00	15.98	2	19.95	23.93	27.90	31.88	35.85
.16	4.13	8.11	12.08	16.06	4	20.03	24.01	27.98	31.96	35.93
.24	4.21	8.19	12.16	16.14	6	20.11	24.09	28.06	32.04	36.01
.32	4.29	8.27	12.24	16.22	8	20.19	24.17	28.14	32.12	36.09
.40	4.37	8.35	12.32	16.30	10	20.27	24.25	28.22	32.20	36.17
.48	4.45	8.43	12.40	16.38	12	20.35	24.33	28.30	32.28	36.25
.56	4.53	8.51	12.48	16.46	14	20.43	24.41	28.38	32.36	36.33
.64	4.61	8.59	12.56	16.54	16	20.51	24.49	28.46	32.44	36.41
.72	4.69	8.67	12.64	16.62	18	20.59	24.57	28.54	32.52	36.49
.80	4.77	8.75	12.72	16.70	20	20.67	24.65	28.62	32.60	36.57
.87	4.85	8.82	12.80	16.77	22	20.75	24.72	28.70	32.67	36.65
.95	4.93	8.90	12.88	16.85	24	20.83	24.80	28.78	32.75	36.73
1.03	5.01	8.98	12.96	16.93	26	20.91	24.88	28.86	32.83	36.81
1.11	5.09	9.06	13.04	17.01	28	20.99	24.96	28.94	32.91	36.89
1.19	5.17	9.14	13.12	17.09	30	21.07	25.04	29.02	32.99	36.97
1.27	5.25	9.22	13.20	17.17	32	21.15	25.12	29.10	33.07	37.05
1.35	5.33	9.30	13.28	17.25	34	21.23	25.20	29.18	33.15	37.13
1.43	5.41	9.38	13.36	17.33	36	21.31	25.28	29.26	33.23	37.21
1.51	5.49	9.46	13.44	17.41	38	21.39	25.36	29.34	33.31	37.29
1.59	5.57	9.54	13.52	17.49	40	21.47	25.44	29.42	33.39	37.37
1.67	5.64	9.62	13.59	17.57	42	21.54	25.52	29.49	33.47	37.44
1.75	5.72	9.70	13.67	17.65	44	21.62	25.60	29.57	33.55	37.52
1.83	5.80	9.78	13.75	17.73	46	21.70	25.68	29.65	33.63	37.60
1.91	5.88	9.86	13.83	17.81	48	21.78	25.76	29.73	33.71	37.68
1.99	5.96	9.94	13.91	17.89	50	21.86	25.84	29.81	33.79	37.76

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.07	6.04	10.02	13.99	17.97	52	21.94	25.92	29.89	33.87	37.84
2.15	6.12	10.10	14.07	18.05	54	22.02	26.00	29.97	33.95	37.92
2.23	6.20	10.18	14.15	18.13	56	22.10	26.08	30.05	34.03	38.00
2.31	6.28	10.26	14.23	18.21	58	22.18	26.16	30.13	34.11	38.08
2.39	6.36	10.34	14.31	18.29	60	22.26	26.24	30.21	34.19	38.16
2.46	6.44	10.41	14.39	18.36	62	22.34	26.31	30.29	34.26	38.24
2.54	6.52	10.49	14.47	18.44	64	22.42	26.39	30.37	34.34	38.32
2.62	6.60	10.57	14.55	18.52	66	22.50	26.47	30.45	34.42	38.40
2.70	6.68	10.65	14.63	18.60	68	22.58	26.55	30.53	34.50	38.48
2.78	6.76	10.73	14.71	18.68	70	22.66	26.63	30.61	34.58	38.56
2.86	6.84	10.81	14.79	18.76	72	22.74	26.71	30.69	34.66	38.64
2.94	6.92	10.89	14.87	18.84	74	22.82	26.79	30.77	34.74	38.72
3.02	7.00	10.97	14.95	18.92	76	22.90	26.87	30.85	34.82	38.80
3.10	7.08	11.05	15.03	19.00	78	22.98	26.95	30.93	34.90	38.88
3.18	7.16	11.13	15.11	19.08	80	23.06	27.03	31.01	34.98	38.96
3.26	7.23	11.21	15.18	19.16	82	23.13	27.11	31.08	35.06	39.03
3.34	7.31	11.29	15.26	19.24	84	23.21	27.19	31.16	35.14	39.11
3.42	7.39	11.37	15.34	19.32	86	23.29	27.27	31.24	35.22	39.19
3.50	7.47	11.45	15.42	19.40	88	23.37	27.35	31.32	35.30	39.27
3.58	7.55	11.53	15.50	19.48	90	23.45	27.43	31.40	35.38	39.35
3.66	7.63	11.61	15.58	19.56	92	23.53	27.51	31.48	35.46	39.43
3.74	7.71	11.69	15.66	19.64	94	23.61	27.59	31.56	35.54	39.51
3.82	7.79	11.77	15.74	19.72	96	23.69	27.67	31.64	35.62	39.59
3.90	7.87	11.85	15.82	19.80	98	23.77	27.75	31.72	35.70	39.67

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
39.75	79.50	119.25	159.00		198.75	238.50	278.25	318.00	357.75
397.50	437.25	477.00	516.75	556.50	596.25	636.00	675.75	715.50	755.25
795.00	834.75	874.50	914.25	954.00	993.75	1033.50	1073.25	1113.00	1152.75

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2 to 98	100	200	300	400 feet	500	600	700	800	900
.08	4.00	8.00	12.00	16.00	20.00	24.00	28.00	32.00	36.00
.16	4.08	8.08	12.08	16.08	20.08	24.08	28.08	32.08	36.08
.24	4.16	8.16	12.16	16.16	20.16	24.16	28.16	32.16	36.16
.32	4.24	8.24	12.24	16.24	20.24	24.24	28.24	32.24	36.24
.40	4.32	8.32	12.32	16.32	20.32	24.32	28.32	32.32	36.32
.48	4.40	8.40	12.40	16.40	20.40	24.40	28.40	32.40	36.40
.56	4.48	8.48	12.48	16.48	20.48	24.48	28.48	32.48	36.48
.64	4.56	8.56	12.56	16.56	20.56	24.56	28.56	32.56	36.56
.72	4.64	8.64	12.64	16.64	20.64	24.64	28.64	32.64	36.64
.80	4.72	8.72	12.72	16.72	20.72	24.72	28.72	32.72	36.72
.88	4.80	8.80	12.80	16.80	20.80	24.80	28.80	32.80	36.80
.96	4.88	8.88	12.88	16.88	20.88	24.88	28.88	32.88	36.88
1.04	4.96	8.96	12.96	16.96	20.96	24.96	28.96	32.96	36.96
1.12	5.04	9.04	13.04	17.04	21.04	25.04	29.04	33.04	37.04
1.20	5.12	9.12	13.12	17.12	21.12	25.12	29.12	33.12	37.12
1.28	5.20	9.20	13.20	17.20	21.20	25.20	29.20	33.20	37.20
1.36	5.28	9.28	13.28	17.28	21.28	25.28	29.28	33.28	37.28
1.44	5.36	9.36	13.36	17.36	21.36	25.36	29.36	33.36	37.36
1.52	5.44	9.44	13.44	17.44	21.44	25.44	29.44	33.44	37.44
1.60	5.52	9.52	13.52	17.52	21.52	25.52	29.52	33.52	37.52
1.68	5.60	9.60	13.60	17.60	21.60	25.60	29.60	33.60	37.60
1.76	5.68	9.68	13.68	17.68	21.68	25.68	29.68	33.68	37.68
1.84	5.76	9.76	13.76	17.76	21.76	25.76	29.76	33.76	37.76
1.92	5.84	9.84	13.84	17.84	21.84	25.84	29.84	33.84	37.84
2.00	5.92	9.92	13.92	17.92	21.92	25.92	29.92	33.92	37.92
2.08	6.00	10.00	14.00	18.00	22.00	26.00	30.00	34.00	38.00

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.08	6.08	10.08	14.08	18.08	52	22.08	26.08	30.08	34.08	38.08
2.16	6.16	10.16	14.16	18.16	54	22.16	26.16	30.16	34.16	38.16
2.24	6.24	10.24	14.24	18.24	56	22.24	26.24	30.24	34.24	38.24
2.32	6.32	10.32	14.32	18.32	58	22.32	26.32	30.32	34.32	38.32
2.40	6.40	10.40	14.40	18.40	60	22.40	26.40	30.40	34.40	38.40
2.48	6.48	10.48	14.48	18.48	62	22.48	26.48	30.48	34.48	38.48
2.56	6.56	10.56	14.56	18.56	64	22.56	26.56	30.56	34.56	38.56
2.64	6.64	10.64	14.64	18.64	66	22.64	26.64	30.64	34.64	38.64
2.72	6.72	10.72	14.72	18.72	68	22.72	26.72	30.72	34.72	38.72
2.80	6.80	10.80	14.80	18.80	70	22.80	26.80	30.80	34.80	38.80
2.88	6.88	10.88	14.88	18.88	72	22.88	26.88	30.88	34.88	38.88
2.96	6.96	10.96	14.96	18.96	74	22.96	26.96	30.96	34.96	38.96
3.04	7.04	11.04	15.04	19.04	76	23.04	27.04	31.04	35.04	39.04
3.12	7.12	11.12	15.12	19.12	78	23.12	27.12	31.12	35.12	39.12
3.20	7.20	11.20	15.20	19.20	80	23.20	27.20	31.20	35.20	39.20
3.28	7.28	11.28	15.28	19.28	82	23.28	27.28	31.28	35.28	39.28
3.36	7.36	11.36	15.36	19.36	84	23.36	27.36	31.36	35.36	39.36
3.44	7.44	11.44	15.44	19.44	86	23.44	27.44	31.44	35.44	39.44
3.52	7.52	11.52	15.52	19.52	88	23.52	27.52	31.52	35.52	39.52
3.60	7.60	11.60	15.60	19.60	90	23.60	27.60	31.60	35.60	39.60
3.68	7.68	11.68	15.68	19.68	92	23.68	27.68	31.68	35.68	39.68
3.76	7.76	11.76	15.76	19.76	94	23.76	27.76	31.76	35.76	39.76
3.84	7.84	11.84	15.84	19.84	96	23.84	27.84	31.84	35.84	39.84
3.92	7.92	11.92	15.92	19.92	98	23.92	27.92	31.92	35.92	39.92

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
40.00	80.00	120.00	160.00		200.00	240.00	280.00	320.00	360.00
400.00	440.00	480.00	520.00	10	600.00	640.00	680.00	720.00	760.00
800.00	840.00	880.00	920.00	20	1000.00	1040.00	1080.00	1120.00	1160.00



\$4.02½ Per 100

\$40.25 Per M.

141

2 to 28	100	200	300	400	feet	500	600	700	800	900
.08	4.03	8.05	12.08	16.10		20.13	24.15	28.18	32.20	36.23
.16	4.11	8.13	12.16	16.18	2	20.21	24.23	28.26	32.28	36.31
.24	4.19	8.21	12.24	16.26	4	20.29	24.31	28.34	32.36	36.39
.32	4.27	8.29	12.32	16.34	6	20.37	24.39	28.42	32.44	36.47
.40	4.35	8.37	12.40	16.42	8	20.45	24.47	28.50	32.52	36.55
.48	4.43	8.45	12.48	16.50	10	20.53	24.55	28.58	32.60	36.63
.56	4.51	8.53	12.56	16.58	12	20.61	24.63	28.66	32.68	36.71
.64	4.59	8.61	12.64	16.66	14	20.69	24.71	28.74	32.76	36.79
.72	4.67	8.69	12.72	16.74	16	20.77	24.79	28.82	32.84	36.87
.81	4.75	8.77	12.80	16.82	18	20.85	24.87	28.90	32.92	36.95
.89	4.83	8.86	12.88	16.91	20	20.93	24.96	28.98	33.01	37.03
.97	4.91	8.94	12.96	16.99	22	21.01	25.04	29.06	33.09	37.11
1.05	4.99	9.02	13.04	17.07	24	21.09	25.12	29.14	33.17	37.19
1.13	5.07	9.10	13.12	17.15	26	21.17	25.20	29.22	33.25	37.27
1.21	5.15	9.18	13.20	17.23	28	21.25	25.28	29.30	33.33	37.35
1.29	5.23	9.26	13.28	17.31	30	21.33	25.36	29.38	33.41	37.43
1.37	5.31	9.34	13.36	17.39	32	21.41	25.44	29.46	33.49	37.51
1.45	5.39	9.42	13.44	17.47	34	21.49	25.52	29.54	33.57	37.59
1.53	5.47	9.50	13.52	17.55	36	21.57	25.60	29.62	33.65	37.67
1.61	5.55	9.58	13.60	17.63	38	21.65	25.68	29.70	33.73	37.75
1.69	5.64	9.66	13.69	17.71	40	21.74	25.76	29.79	33.81	37.84
1.77	5.72	9.74	13.77	17.79	42	21.82	25.84	29.87	33.89	37.92
1.85	5.80	9.82	13.85	17.87	44	21.90	25.92	29.95	33.97	38.00
1.93	5.88	9.90	13.93	17.95	46	21.98	26.00	30.03	34.05	38.08
2.01	5.96	9.98	14.01	18.03	48	22.06	26.08	30.11	34.13	38.16
2.09	6.04	10.06	14.09	18.11	50	22.14	26.16	30.19	34.21	38.24

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2 to 28	100	200	300	400	feet	500	600	700	800	900
2.09	6.12	10.14	14.17	18.19	52	22.22	26.24	30.27	34.29	38.32
2.17	6.20	10.22	14.25	18.27	54	22.30	26.32	30.35	34.37	38.40
2.25	6.28	10.30	14.33	18.35	56	22.38	26.40	30.43	34.45	38.48
2.33	6.36	10.38	14.41	18.43	58	22.46	26.48	30.51	34.53	38.56
2.42	6.44	10.47	14.49	18.52	60	22.54	26.57	30.59	34.62	38.64
2.50	6.52	10.55	14.57	18.60	62	22.62	26.65	30.67	34.70	38.72
2.58	6.60	10.63	14.65	18.68	64	22.70	26.73	30.75	34.78	38.80
2.66	6.68	10.71	14.73	18.76	66	22.78	26.81	30.83	34.86	38.88
2.74	6.76	10.79	14.81	18.84	68	22.86	26.89	30.91	34.94	38.96
2.82	6.84	10.87	14.89	18.92	70	22.94	26.97	30.99	35.02	39.04
2.90	6.92	10.95	14.97	19.00	72	23.02	27.05	31.07	35.10	39.12
2.98	7.00	11.03	15.05	19.08	74	23.10	27.13	31.15	35.18	39.20
3.06	7.08	11.11	15.13	19.16	76	23.18	27.21	31.23	35.26	39.28
3.14	7.16	11.19	15.21	19.24	78	23.26	27.29	31.31	35.34	39.36
3.22	7.25	11.27	15.30	19.32	80	23.35	27.37	31.40	35.42	39.45
3.30	7.33	11.35	15.38	19.40	82	23.43	27.45	31.48	35.50	39.53
3.38	7.41	11.43	15.46	19.48	84	23.51	27.53	31.56	35.58	39.61
3.46	7.49	11.51	15.54	19.56	86	23.59	27.61	31.64	35.66	39.69
3.54	7.57	11.59	15.62	19.64	88	23.67	27.69	31.72	35.74	39.77
3.62	7.65	11.67	15.70	19.72	90	23.75	27.77	31.80	35.82	39.85
3.70	7.73	11.75	15.78	19.80	92	23.83	27.85	31.88	35.90	39.93
3.78	7.81	11.83	15.86	19.88	94	23.91	27.93	31.96	35.98	40.01
3.86	7.89	11.91	15.94	19.96	96	23.99	28.01	32.04	36.06	40.09
3.94	7.97	11.99	16.02	20.04	98	24.07	28.09	32.12	36.14	40.17

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
402.50	402.75	493.00	523.25	563.50	201.25	241.50	281.75	322.00	362.25
805.00	845.25	885.50	925.75	966.00	603.75	644.00	684.25	724.50	764.75
					1006.25	1046.50	1086.75	1127.00	1167.25

2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.05	8.10	12.15	16.20		20.25	24.30	28.35	32.40	36.45
.08	4.13	8.18	12.23	16.28	2	20.33	24.38	28.43	32.48	36.53
.16	4.21	8.26	12.31	16.36	4	20.41	24.46	28.51	32.56	36.61
.24	4.29	8.34	12.39	16.44	6	20.49	24.54	28.59	32.64	36.69
.32	4.37	8.42	12.47	16.52	8	20.57	24.62	28.67	32.72	36.77
.41	4.46	8.51	12.56	16.61	10	20.66	24.71	28.76	32.81	36.86
.49	4.54	8.59	12.64	16.69	12	20.74	24.79	28.84	32.89	36.94
.57	4.62	8.67	12.72	16.77	14	20.82	24.87	28.92	32.97	37.02
.65	4.70	8.75	12.80	16.85	16	20.90	24.95	29.00	33.05	37.10
.73	4.78	8.83	12.88	16.93	18	20.98	25.03	29.08	33.13	37.18
.81	4.86	8.91	12.96	17.01	20	21.06	25.11	29.16	33.21	37.26
.89	4.94	8.99	13.04	17.09	22	21.14	25.19	29.24	33.29	37.34
.97	5.02	9.07	13.12	17.17	24	21.22	25.27	29.32	33.37	37.42
1.05	5.10	9.15	13.20	17.25	26	21.30	25.35	29.40	33.45	37.50
1.13	5.18	9.23	13.28	17.33	28	21.38	25.43	29.48	33.53	37.58
1.22	5.27	9.32	13.37	17.42	30	21.47	25.52	29.57	33.62	37.67
1.30	5.35	9.40	13.45	17.50	32	21.55	25.60	29.65	33.70	37.75
1.38	5.43	9.48	13.53	17.58	34	21.63	25.68	29.73	33.78	37.83
1.46	5.51	9.56	13.61	17.66	36	21.71	25.76	29.81	33.86	37.91
1.54	5.59	9.64	13.69	17.74	38	21.79	25.84	29.89	33.94	37.99
1.62	5.67	9.72	13.77	17.82	40	21.87	25.92	29.97	34.02	38.07
1.70	5.75	9.80	13.85	17.90	42	21.95	26.00	30.05	34.10	38.15
1.78	5.83	9.88	13.93	17.98	44	22.03	26.08	30.13	34.18	38.23
1.86	5.91	9.96	14.01	18.06	46	22.11	26.16	30.21	34.26	38.31
1.94	5.99	10.04	14.09	18.14	48	22.19	26.24	30.29	34.34	38.39
2.03	6.08	10.13	14.18	18.23	50	22.28	26.33	30.38	34.43	38.48

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.11	6.16	10.21	14.26	18.31	52	22.36	26.41	30.46	34.51	38.56
2.19	6.24	10.29	14.34	18.39	54	22.44	26.49	30.54	34.59	38.64
2.27	6.32	10.37	14.42	18.47	56	22.52	26.57	30.62	34.67	38.72
2.35	6.40	10.45	14.50	18.55	58	22.60	26.65	30.70	34.75	38.80
2.43	6.48	10.53	14.58	18.63	60	22.68	26.73	30.78	34.83	38.88
2.51	6.56	10.61	14.66	18.71	62	22.76	26.81	30.86	34.91	38.96
2.59	6.64	10.69	14.74	18.79	64	22.84	26.89	30.94	34.99	39.04
2.67	6.72	10.77	14.82	18.87	66	22.92	26.97	31.02	35.07	39.12
2.75	6.80	10.85	14.90	18.95	68	23.00	27.05	31.10	35.15	39.20
2.84	6.89	10.94	14.99	19.04	70	23.09	27.14	31.19	35.24	39.29
2.92	6.97	11.02	15.07	19.12	72	23.17	27.22	31.27	35.32	39.37
3.00	7.05	11.10	15.15	19.20	74	23.25	27.30	31.35	35.40	39.45
3.08	7.13	11.18	15.23	19.28	76	23.33	27.38	31.43	35.48	39.53
3.16	7.21	11.26	15.31	19.36	78	23.41	27.46	31.51	35.56	39.61
3.24	7.29	11.34	15.39	19.44	80	23.49	27.54	31.59	35.64	39.69
3.32	7.37	11.42	15.47	19.52	82	23.57	27.62	31.67	35.72	39.77
3.40	7.45	11.50	15.55	19.60	84	23.65	27.70	31.75	35.80	39.85
3.48	7.53	11.58	15.63	19.68	86	23.73	27.78	31.83	35.88	39.93
3.56	7.61	11.66	15.71	19.76	88	23.81	27.86	31.91	35.96	40.01
3.65	7.70	11.75	15.80	19.85	90	23.90	27.95	32.00	36.05	40.10
3.73	7.78	11.83	15.88	19.93	92	23.98	28.03	32.08	36.13	40.18
3.81	7.86	11.91	15.96	20.01	94	24.06	28.11	32.16	36.21	40.26
3.89	7.94	11.99	16.04	20.09	96	24.14	28.19	32.24	36.29	40.34
3.97	8.02	12.07	16.12	20.17	98	24.22	28.27	32.32	36.37	40.42

M FEET					Above 1M.				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
40.50	81.00	121.50	162.00		202.50	243.00	283.50	324.00	364.50
405.00	445.50	486.00	526.50	567.00	10	607.50	648.00	688.50	729.00
870.00	850.50	891.00	931.50	972.00	20	1012.50	1053.00	1093.50	1134.00



\$4.07½ Per 100

\$40.75 Per M.

143

2 to 98	100	200	300	400	feet	500	600	700	800	900
.08	4.08	8.15	12.23	16.30	2	20.38	24.45	28.53	32.60	36.68
.16	4.16	8.23	12.31	16.38	4	20.46	24.53	28.61	32.68	36.76
.24	4.24	8.31	12.39	16.46	6	20.54	24.61	28.69	32.76	36.84
.33	4.32	8.39	12.47	16.54	8	20.62	24.69	28.77	32.84	36.92
.41	4.40	8.48	12.55	16.63	10	20.70	24.78	28.85	32.93	37.00
.49	4.48	8.56	12.63	16.71	12	20.78	24.86	28.93	33.01	37.08
.57	4.56	8.64	12.71	16.79	14	20.86	24.94	29.01	33.09	37.16
.65	4.65	8.72	12.80	16.87	16	20.95	25.02	29.10	33.17	37.25
.73	4.73	8.80	12.88	16.95	18	21.03	25.10	29.18	33.25	37.33
.82	4.81	8.88	12.96	17.03	20	21.11	25.18	29.26	33.33	37.41
.90	4.89	8.97	13.04	17.12	22	21.19	25.27	29.34	33.42	37.49
.98	4.97	9.05	13.12	17.20	24	21.27	25.35	29.42	33.50	37.57
1.06	5.05	9.13	13.20	17.28	26	21.35	25.43	29.50	33.58	37.65
1.14	5.13	9.21	13.28	17.36	28	21.43	25.51	29.58	33.66	37.73
1.22	5.22	9.29	13.37	17.44	30	21.52	25.59	29.67	33.74	37.82
1.30	5.30	9.37	13.45	17.52	32	21.60	25.67	29.75	33.82	37.90
1.39	5.38	9.45	13.53	17.60	34	21.68	25.75	29.83	33.90	37.98
1.47	5.46	9.54	13.61	17.69	36	21.76	25.84	29.91	33.99	38.06
1.55	5.54	9.62	13.69	17.77	38	21.84	25.92	29.99	34.07	38.14
1.63	5.62	9.70	13.77	17.85	40	21.92	26.00	30.07	34.15	38.22
1.71	5.71	9.78	13.86	17.93	42	22.01	26.08	30.16	34.23	38.31
1.79	5.79	9.86	13.94	18.01	44	22.09	26.16	30.24	34.31	38.39
1.87	5.87	9.94	14.02	18.09	46	22.17	26.24	30.32	34.39	38.47
1.96	5.95	10.02	14.10	18.17	48	22.25	26.32	30.40	34.47	38.55
2.04	6.03	10.11	14.18	18.26	50	22.33	26.41	30.48	34.56	38.63
2.12	6.11	10.19	14.26	18.34	52	22.41	26.49	30.56	34.64	38.71

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.12	6.19	10.27	14.34	18.42	52	22.49	26.57	30.64	34.72	38.79
2.20	6.28	10.35	14.43	18.50	54	22.58	26.65	30.73	34.80	38.88
2.28	6.36	10.43	14.51	18.58	56	22.66	26.73	30.81	34.88	38.96
2.36	6.44	10.51	14.59	18.66	58	22.74	26.81	30.89	34.96	39.04
2.45	6.52	10.60	14.67	18.75	60	22.82	26.90	30.97	35.05	39.12
2.53	6.60	10.68	14.75	18.83	62	22.90	26.98	31.05	35.13	39.20
2.61	6.68	10.76	14.83	18.91	64	22.98	27.06	31.13	35.21	39.28
2.69	6.76	10.84	14.91	18.99	66	23.06	27.14	31.21	35.29	39.36
2.77	6.85	10.92	15.00	19.07	68	23.15	27.22	31.30	35.37	39.45
2.85	6.93	11.00	15.08	19.15	70	23.23	27.30	31.38	35.45	39.53
2.93	7.01	11.08	15.16	19.23	72	23.31	27.38	31.46	35.53	39.61
3.02	7.09	11.17	15.24	19.32	74	23.39	27.47	31.54	35.62	39.69
3.10	7.17	11.25	15.32	19.40	76	23.47	27.55	31.62	35.70	39.77
3.18	7.25	11.33	15.40	19.48	78	23.55	27.63	31.70	35.78	39.85
3.26	7.34	11.41	15.49	19.56	80	23.64	27.71	31.79	35.86	39.94
3.34	7.42	11.49	15.57	19.64	82	23.72	27.79	31.87	35.94	40.02
3.42	7.50	11.57	15.65	19.72	84	23.80	27.87	31.95	36.02	40.10
3.50	7.58	11.65	15.73	19.80	86	23.88	27.95	32.03	36.10	40.18
3.59	7.66	11.74	15.81	19.89	88	23.96	28.04	32.11	36.19	40.26
3.67	7.74	11.82	15.89	19.97	90	24.04	28.12	32.19	36.27	40.34
3.75	7.82	11.90	15.97	20.05	92	24.12	28.20	32.27	36.35	40.42
3.83	7.91	11.98	16.06	20.13	94	24.21	28.28	32.36	36.43	40.51
3.91	7.99	12.06	16.14	20.21	96	24.29	28.36	32.44	36.51	40.59
3.99	8.07	12.14	16.22	20.29	98	24.37	28.44	32.52	36.59	40.67

\$54

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

M FEET					Above 1M.				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
40.75	81.50	122.25	163.00		203.75	244.50	285.25	326.00	366.75
407.50	448.25	489.00	529.75	10	611.25	652.00	692.75	733.50	774.25
815.00	855.75	896.50	937.25	20	1018.75	1059.50	1100.25	1141.00	1181.75

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.08	4.10	8.20	12.30	16.40	2	20.50	24.60	28.70	32.80	36.90
1.16	4.18	8.28	12.38	16.48	2	20.58	24.68	28.78	32.88	36.98
1.25	4.26	8.36	12.46	16.56	4	20.66	24.76	28.86	32.96	37.06
1.33	4.35	8.45	12.55	16.65	6	20.75	24.85	28.95	33.05	37.15
1.41	4.43	8.53	12.63	16.73	8	20.83	24.93	29.03	33.13	37.23
1.49	4.51	8.61	12.71	16.81	10	20.91	25.01	29.11	33.21	37.31
1.57	4.59	8.69	12.79	16.89	12	20.99	25.09	29.19	33.29	37.39
1.66	4.67	8.77	12.87	16.97	14	21.07	25.17	29.27	33.37	37.47
1.74	4.76	8.86	12.96	17.06	16	21.16	25.26	29.36	33.46	37.56
1.82	4.84	8.94	13.04	17.14	18	21.24	25.34	29.44	33.54	37.64
1.90	4.92	9.02	13.12	17.22	20	21.32	25.42	29.52	33.62	37.72
1.98	5.00	9.10	13.20	17.30	22	21.40	25.50	29.60	33.70	37.80
2.07	5.08	9.18	13.28	17.38	24	21.48	25.58	29.68	33.78	37.88
2.15	5.17	9.27	13.37	17.47	26	21.57	25.67	29.77	33.87	37.97
2.23	5.25	9.35	13.45	17.55	28	21.65	25.75	29.85	33.95	38.05
2.31	5.33	9.43	13.53	17.63	30	21.73	25.83	29.93	34.03	38.13
2.39	5.41	9.51	13.61	17.71	32	21.81	25.91	30.01	34.11	38.21
2.47	5.49	9.59	13.69	17.79	34	21.89	25.99	30.09	34.19	38.29
2.55	5.58	9.68	13.78	17.88	36	21.98	26.08	30.18	34.28	38.38
2.63	5.66	9.76	13.86	17.96	38	22.06	26.16	30.26	34.36	38.46
2.71	5.74	9.84	13.94	18.04	40	22.14	26.24	30.34	34.44	38.54
2.79	5.82	9.92	14.02	18.12	42	22.22	26.32	30.42	34.52	38.62
2.87	5.90	10.00	14.10	18.20	44	22.30	26.40	30.50	34.60	38.70
2.95	5.99	10.09	14.19	18.29	46	22.39	26.49	30.59	34.69	38.79
3.03	6.07	10.17	14.27	18.37	48	22.47	26.57	30.67	34.77	38.87
3.11	6.15	10.25	14.35	18.45	50	22.55	26.65	30.75	34.85	38.95

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.13	6.23	10.33	14.43	18.53	52	22.63	26.73	30.83	34.93	39.03
2.21	6.31	10.41	14.51	18.61	54	22.71	26.81	30.91	35.01	39.11
2.30	6.40	10.50	14.60	18.70	56	22.80	26.90	31.00	35.10	39.20
2.38	6.48	10.58	14.68	18.78	58	22.88	26.98	31.08	35.18	39.28
2.46	6.56	10.66	14.76	18.86	60	22.96	27.06	31.16	35.26	39.36
2.54	6.64	10.74	14.84	18.94	62	23.04	27.14	31.24	35.34	39.44
2.62	6.72	10.82	14.92	19.02	64	23.12	27.22	31.32	35.42	39.52
2.71	6.81	10.91	15.01	19.11	66	23.21	27.31	31.41	35.51	39.61
2.79	6.89	10.99	15.09	19.19	68	23.29	27.39	31.49	35.59	39.69
2.87	6.97	11.07	15.17	19.27	70	23.37	27.47	31.57	35.67	39.77
2.95	7.05	11.15	15.25	19.35	72	23.45	27.55	31.65	35.75	39.85
3.03	7.13	11.23	15.33	19.43	74	23.53	27.63	31.73	35.83	39.93
3.12	7.22	11.32	15.42	19.52	76	23.62	27.72	31.82	35.92	40.02
3.20	7.30	11.40	15.50	19.60	78	23.70	27.80	31.90	36.00	40.10
3.28	7.38	11.48	15.58	19.68	80	23.78	27.88	31.98	36.08	40.18
3.36	7.46	11.56	15.66	19.76	82	23.86	27.96	32.06	36.16	40.26
3.44	7.54	11.64	15.74	19.84	84	23.94	28.04	32.14	36.24	40.34
3.53	7.63	11.73	15.83	19.93	86	24.03	28.13	32.23	36.33	40.43
3.61	7.71	11.81	15.91	20.01	88	24.11	28.21	32.31	36.41	40.51
3.69	7.79	11.89	15.99	20.09	90	24.19	28.29	32.39	36.49	40.59
3.77	7.87	11.97	16.07	20.17	92	24.27	28.37	32.47	36.57	40.67
3.85	7.95	12.05	16.15	20.25	94	24.35	28.45	32.55	36.65	40.75
3.94	8.04	12.14	16.24	20.34	96	24.44	28.54	32.64	36.74	40.84
4.02	8.12	12.22	16.32	20.42	98	24.52	28.62	32.72	36.82	40.92

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
41.00	82.00	123.00	164.00	205.00	246.00	287.00	328.00	369.00	
410.00	451.00	492.00	533.00	574.00	615.00	656.00	697.00	738.00	779.00
820.00	861.00	902.00	943.00	984.00	1025.00	1066.00	1107.00	1148.00	1189.00



\$4.12½ Per 100

\$41.25 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
.41	4.13	8.25	12.38	16.50		20.63	24.75	28.88	33.00	37.13
.08	4.21	8.33	12.46	16.58	2	20.71	24.83	28.96	33.08	37.21
.17	4.29	8.42	12.54	16.67	4	20.79	24.92	29.04	33.17	37.29
.25	4.37	8.50	12.62	16.75	6	20.87	25.00	29.12	33.25	37.37
.33	4.46	8.58	12.71	16.83	8	20.96	25.08	29.21	33.33	37.46
.41	4.54	8.66	12.79	16.91	10	21.04	25.16	29.29	33.41	37.54
.50	4.62	8.75	12.87	17.00	12	21.12	25.25	29.37	33.50	37.62
.58	4.70	8.83	12.95	17.08	14	21.20	25.33	29.45	33.58	37.70
.66	4.79	8.91	13.04	17.16	16	21.29	25.41	29.54	33.66	37.79
.74	4.87	8.99	13.12	17.24	18	21.37	25.49	29.62	33.74	37.87
.83	4.95	9.08	13.20	17.33	20	21.45	25.58	29.70	33.83	37.95
.91	5.03	9.16	13.28	17.41	22	21.53	25.66	29.78	33.91	38.03
.99	5.12	9.24	13.37	17.49	24	21.62	25.74	29.87	33.99	38.12
1.07	5.20	9.32	13.45	17.57	26	21.70	25.82	29.95	34.07	38.20
1.16	5.28	9.41	13.53	17.66	28	21.78	25.91	30.03	34.16	38.28
1.24	5.36	9.49	13.61	17.74	30	21.86	25.99	30.11	34.24	38.36
1.32	5.45	9.57	13.70	17.82	32	21.95	26.07	30.20	34.32	38.45
1.40	5.53	9.65	13.78	17.90	34	22.03	26.15	30.28	34.40	38.53
1.49	5.61	9.74	13.86	17.99	36	22.11	26.24	30.36	34.49	38.61
1.57	5.69	9.82	13.94	18.07	38	22.19	26.32	30.44	34.57	38.69
1.65	5.78	9.90	14.03	18.15	40	22.28	26.40	30.53	34.65	38.78
1.73	5.86	9.98	14.11	18.23	42	22.36	26.48	30.61	34.73	38.86
1.82	5.94	10.07	14.19	18.32	44	22.44	26.57	30.69	34.82	38.94
1.90	6.02	10.15	14.27	18.40	46	22.52	26.65	30.77	34.90	39.02
1.98	6.11	10.23	14.36	18.48	48	22.61	26.73	30.86	34.98	39.11
2.06	6.19	10.31	14.44	18.56	50	22.69	26.81	30.94	35.06	39.19

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.15	6.27	10.40	14.52	18.65	52	22.77	26.90	31.02	35.15	39.27
2.23	6.35	10.48	14.60	18.73	54	22.85	26.98	31.10	35.23	39.35
2.31	6.44	10.56	14.69	18.81	56	22.94	27.06	31.19	35.31	39.44
2.39	6.52	10.64	14.77	18.89	58	23.02	27.14	31.27	35.39	39.52
2.48	6.60	10.73	14.85	18.98	60	23.10	27.23	31.35	35.48	39.60
2.56	6.68	10.81	14.93	19.06	62	23.18	27.31	31.43	35.56	39.68
2.64	6.77	10.89	15.02	19.14	64	23.27	27.39	31.52	35.64	39.77
2.72	6.85	10.97	15.10	19.22	66	23.35	27.47	31.60	35.72	39.85
2.81	6.93	11.06	15.18	19.31	68	23.43	27.56	31.68	35.81	39.93
2.89	7.01	11.14	15.26	19.39	70	23.51	27.64	31.76	35.89	40.01
2.97	7.10	11.22	15.35	19.47	72	23.60	27.72	31.85	35.97	40.10
3.05	7.18	11.30	15.43	19.55	74	23.68	27.80	31.93	36.05	40.18
3.14	7.26	11.39	15.51	19.64	76	23.76	27.89	32.01	36.14	40.26
3.22	7.34	11.47	15.59	19.72	78	23.84	27.97	32.09	36.22	40.34
3.30	7.43	11.55	15.68	19.80	80	23.93	28.05	32.18	36.30	40.43
3.38	7.51	11.63	15.76	19.88	82	24.01	28.13	32.26	36.38	40.51
3.47	7.59	11.72	15.84	19.97	84	24.09	28.22	32.34	36.47	40.59
3.55	7.67	11.80	15.92	20.05	86	24.17	28.30	32.42	36.55	40.67
3.63	7.76	11.88	16.01	20.13	88	24.26	28.38	32.51	36.63	40.76
3.71	7.84	11.96	16.09	20.21	90	24.34	28.46	32.59	36.71	40.84
3.80	7.92	12.05	16.17	20.30	92	24.42	28.55	32.67	36.80	40.92
3.88	8.00	12.13	16.25	20.38	94	24.50	28.63	32.75	36.88	41.00
3.96	8.09	12.21	16.34	20.46	96	24.59	28.71	32.84	36.96	41.09
4.04	8.17	12.29	16.42	20.54	98	24.67	28.79	32.92	37.04	41.17

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
41.25	82.50	123.75	165.00		206.25	247.50	288.75	330.00	371.25
412.50	453.75	495.00	536.25	577.50	10	618.75	660.00	701.25	742.50
825.00	866.25	907.50	948.75	990.00	20	1031.25	1072.50	1113.75	1155.00
									1196.25

\$54

\$41

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
.08	4.15	8.30	12.45	16.60	2	20.75	24.90	29.05	33.20	37.35
.17	4.23	8.38	12.53	16.68	2	20.83	24.98	29.13	33.28	37.43
.25	4.32	8.47	12.62	16.77	4	20.92	25.07	29.22	33.37	37.52
.33	4.40	8.55	12.70	16.85	6	21.00	25.15	29.30	33.45	37.60
.42	4.48	8.63	12.78	16.93	8	21.08	25.23	29.38	33.53	37.68
.50	4.57	8.72	12.87	17.02	10	21.17	25.32	29.47	33.62	37.77
.58	4.65	8.80	12.95	17.10	12	21.25	25.40	29.55	33.70	37.85
.66	4.73	8.88	13.03	17.18	14	21.33	25.48	29.63	33.78	37.93
.75	4.81	8.96	13.11	17.26	16	21.41	25.56	29.71	33.86	38.01
.83	4.90	9.05	13.20	17.35	18	21.50	25.65	29.80	33.95	38.10
.91	4.98	9.13	13.28	17.43	20	21.58	25.73	29.88	34.03	38.18
1.00	5.06	9.21	13.36	17.51	22	21.66	25.81	29.96	34.11	38.26
1.08	5.15	9.30	13.45	17.60	24	21.75	25.90	30.05	34.20	38.35
1.16	5.23	9.38	13.53	17.68	26	21.83	25.98	30.13	34.28	38.43
1.25	5.31	9.46	13.61	17.76	28	21.91	26.06	30.21	34.36	38.51
1.33	5.40	9.55	13.70	17.85	30	22.00	26.15	30.30	34.45	38.60
1.41	5.48	9.63	13.78	17.93	32	22.08	26.23	30.38	34.53	38.68
1.49	5.56	9.71	13.86	18.01	34	22.16	26.31	30.46	34.61	38.76
1.58	5.64	9.79	13.94	18.09	36	22.24	26.39	30.54	34.69	38.84
1.66	5.73	9.88	14.03	18.18	38	22.33	26.48	30.63	34.78	38.93
1.74	5.81	9.96	14.11	18.26	40	22.41	26.56	30.71	34.86	39.01
1.83	5.89	10.04	14.19	18.34	42	22.49	26.64	30.79	34.94	39.09
1.91	5.98	10.13	14.28	18.43	44	22.58	26.73	30.88	35.03	39.18
2.08	6.06	10.21	14.36	18.51	46	22.66	26.81	30.96	35.11	39.26
2.16	6.14	10.29	14.44	18.59	48	22.74	26.89	31.04	35.19	39.34
2.24	6.23	10.38	14.53	18.68	50	22.83	26.98	31.13	35.28	39.43
2.32	6.31	10.46	14.61	18.76	52	22.91	27.06	31.21	35.36	39.51
2.41	6.39	10.54	14.69	18.84	54	22.99	27.14	31.29	35.44	39.59
2.49	6.47	10.62	14.77	18.92	56	23.07	27.22	31.37	35.52	39.67
2.57	6.56	10.71	14.86	19.01	58	23.16	27.31	31.46	35.61	39.76
2.66	6.64	10.79	14.94	19.09	60	23.24	27.39	31.54	35.69	39.84
2.74	6.72	10.87	15.02	19.17	62	23.32	27.47	31.62	35.77	39.92
2.82	6.81	10.96	15.11	19.26	64	23.41	27.56	31.71	35.86	40.01
2.91	6.89	11.04	15.19	19.34	66	23.49	27.64	31.79	35.94	40.09
2.99	6.97	11.12	15.27	19.42	68	23.57	27.72	31.87	36.02	40.17
3.07	7.06	11.21	15.36	19.51	70	23.66	27.81	31.96	36.11	40.26
3.15	7.14	11.29	15.44	19.59	72	23.74	27.89	32.04	36.19	40.34
3.24	7.22	11.37	15.52	19.67	74	23.82	27.97	32.12	36.27	40.42
3.32	7.30	11.45	15.60	19.75	76	23.90	28.05	32.20	36.35	40.50
3.40	7.39	11.54	15.69	19.84	78	23.99	28.14	32.29	36.44	40.59
3.49	7.47	11.62	15.77	19.92	80	24.07	28.22	32.37	36.52	40.67
3.57	7.55	11.70	15.85	20.00	82	24.15	28.30	32.45	36.60	40.75
3.65	7.64	11.79	15.94	20.09	84	24.24	28.39	32.54	36.69	40.84
3.74	7.72	11.87	16.02	20.17	86	24.32	28.47	32.62	36.77	40.92
3.82	7.80	11.95	16.10	20.25	88	24.40	28.55	32.70	36.85	41.00
3.90	7.89	12.04	16.19	20.34	90	24.49	28.64	32.79	36.94	41.09
3.98	7.97	12.12	16.27	20.42	92	24.57	28.72	32.87	37.02	41.17
4.07	8.05	12.20	16.35	20.50	94	24.65	28.80	32.95	37.10	41.25
4.15	8.13	12.28	16.43	20.58	96	24.73	28.88	33.03	37.18	41.33
4.23	8.22	12.37	16.52	20.67	98	24.82	28.97	33.12	37.27	41.42

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
41.50	83.00	124.50	166.00	207.50	249.00	290.50	332.00	373.50	
415.00	456.50	498.00	539.50	581.00	622.50	664.00	705.50	747.00	
830.00	871.50	913.00	954.50	996.00	1037.50	1079.00	1120.50	1162.00	1203.50



\$4.17½ Per 100

\$41.75 Per M.

147

2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.18	8.35	12.53	16.70		20.88	25.05	29.23	33.40	37.58
.08	4.26	8.43	12.61	16.78	2	20.96	25.13	29.31	33.48	37.66
.17	4.34	8.52	12.69	16.87	4	21.04	25.22	29.39	33.57	37.74
.25	4.43	8.60	12.78	16.95	6	21.13	25.30	29.48	33.65	37.83
.33	4.51	8.68	12.86	17.03	8	21.21	25.38	29.56	33.73	37.91
.42	4.59	8.77	12.94	17.12	10	21.29	25.47	29.64	33.82	37.99
.50	4.68	8.85	13.03	17.20	12	21.38	25.55	29.73	33.90	38.08
.58	4.76	8.93	13.11	17.28	14	21.46	25.63	29.81	33.98	38.16
.67	4.84	9.02	13.19	17.37	16	21.54	25.72	29.89	34.07	38.24
.75	4.93	9.10	13.28	17.45	18	21.63	25.80	29.98	34.15	38.33
.84	5.01	9.19	13.36	17.54	20	21.71	25.89	30.06	34.24	38.41
.92	5.09	9.27	13.44	17.62	22	21.79	25.97	30.14	34.32	38.49
1.00	5.18	9.35	13.53	17.70	24	21.88	26.05	30.23	34.40	38.58
1.09	5.26	9.44	13.61	17.79	26	21.96	26.14	30.31	34.49	38.66
1.17	5.34	9.52	13.69	17.87	28	22.04	26.22	30.39	34.57	38.74
1.25	5.43	9.60	13.78	17.95	30	22.13	26.30	30.48	34.65	38.83
1.34	5.51	9.69	13.86	18.04	32	22.21	26.39	30.56	34.74	38.91
1.42	5.59	9.77	13.94	18.12	34	22.29	26.47	30.64	34.82	38.99
1.50	5.68	9.85	14.03	18.20	36	22.38	26.55	30.73	34.90	39.08
1.59	5.76	9.94	14.11	18.29	38	22.46	26.64	30.81	34.99	39.16
1.67	5.85	10.02	14.20	18.37	40	22.55	26.72	30.90	35.07	39.25
1.75	5.93	10.10	14.28	18.45	42	22.63	26.80	30.98	35.15	39.33
1.84	6.01	10.19	14.36	18.54	44	22.71	26.89	31.06	35.24	39.41
1.92	6.10	10.27	14.45	18.62	46	22.80	26.97	31.15	35.32	39.50
2.00	6.18	10.35	14.53	18.70	48	22.88	27.05	31.23	35.40	39.58
2.09	6.26	10.44	14.61	18.79	50	22.96	27.14	31.31	35.49	39.66

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.17	6.35	10.52	14.70	18.87	52	23.05	27.22	31.40	35.57	39.75
2.25	6.43	10.60	14.78	18.95	54	23.13	27.30	31.48	35.65	39.83
2.34	6.51	10.69	14.86	19.04	56	23.21	27.39	31.56	35.74	39.91
2.42	6.60	10.77	14.95	19.12	58	23.30	27.47	31.65	35.82	40.00
2.51	6.68	10.86	15.03	19.21	60	23.38	27.56	31.73	35.91	40.08
2.59	6.76	10.94	15.11	19.29	62	23.46	27.64	31.81	35.99	40.16
2.67	6.85	11.02	15.20	19.37	64	23.55	27.72	31.90	36.07	40.25
2.76	6.93	11.11	15.28	19.46	66	23.63	27.81	31.98	36.16	40.33
2.84	7.01	11.19	15.36	19.54	68	23.71	27.89	32.06	36.24	40.41
2.92	7.10	11.27	15.45	19.62	70	23.80	27.97	32.15	36.32	40.50
3.01	7.18	11.36	15.53	19.71	72	23.88	28.06	32.23	36.41	40.58
3.09	7.26	11.44	15.61	19.79	74	23.96	28.14	32.31	36.49	40.66
3.17	7.35	11.52	15.70	19.87	76	24.05	28.22	32.40	36.57	40.75
3.26	7.43	11.61	15.78	19.96	78	24.13	28.31	32.48	36.66	40.83
3.34	7.52	11.69	15.87	20.04	80	24.22	28.39	32.57	36.74	40.92
3.42	7.60	11.77	15.95	20.12	82	24.30	28.47	32.65	36.82	41.00
3.51	7.68	11.86	16.03	20.21	84	24.38	28.56	32.73	36.91	41.08
3.59	7.77	11.94	16.12	20.29	86	24.47	28.64	32.82	36.99	41.17
3.67	7.85	12.02	16.20	20.37	88	24.55	28.72	32.90	37.07	41.25
3.76	7.93	12.11	16.28	20.46	90	24.63	28.81	32.98	37.16	41.33
3.84	8.02	12.19	16.37	20.54	92	24.72	28.89	33.07	37.24	41.42
3.92	8.10	12.27	16.45	20.62	94	24.80	28.97	33.15	37.32	41.50
4.01	8.18	12.36	16.53	20.71	96	24.88	29.06	33.23	37.41	41.58
4.09	8.27	12.44	16.62	20.79	98	24.97	29.14	33.32	37.49	41.67

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
41.75	83.50	125.25	167.00		208.75	250.50	292.25	334.00	375.75
417.60	459.25	501.00	542.75	584.50	626.25	668.00	709.75	751.50	793.25
835.00	876.75	918.50	960.25	1002.00	1043.75	1085.50	1127.25	1169.00	1210.75

\$54

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
.08	4.20	8.40	12.60	16.80	2	21.00	25.20	29.40	33.60	37.80
.17	4.28	8.48	12.68	16.88	2	21.08	25.28	29.48	33.68	37.88
.25	4.37	8.57	12.77	16.97	4	21.17	25.37	29.57	33.77	37.97
.34	4.45	8.65	12.85	17.05	6	21.25	25.45	29.65	33.85	38.05
.42	4.54	8.74	12.94	17.14	8	21.34	25.54	29.74	33.94	38.14
.50	4.62	8.82	13.02	17.22	10	21.42	25.62	29.82	34.02	38.22
.59	4.70	8.90	13.10	17.30	12	21.50	25.70	29.90	34.10	38.30
.67	4.79	8.99	13.19	17.39	14	21.59	25.79	29.99	34.19	38.39
.76	4.87	9.07	13.27	17.47	16	21.67	25.87	30.07	34.27	38.47
.84	4.96	9.16	13.36	17.56	18	21.76	25.96	30.16	34.36	38.56
.92	5.04	9.24	13.44	17.64	20	21.84	26.04	30.24	34.44	38.64
1.01	5.12	9.32	13.52	17.72	22	21.92	26.12	30.32	34.52	38.72
1.09	5.21	9.41	13.61	17.81	24	22.01	26.21	30.41	34.61	38.81
1.18	5.29	9.49	13.69	17.89	26	22.09	26.29	30.49	34.69	38.89
1.26	5.38	9.58	13.78	17.98	28	22.18	26.38	30.58	34.78	38.98
1.34	5.46	9.66	13.86	18.06	30	22.26	26.46	30.66	34.86	39.06
1.43	5.54	9.74	13.94	18.14	32	22.34	26.54	30.74	34.94	39.14
1.51	5.63	9.83	14.03	18.23	34	22.43	26.63	30.83	35.03	39.23
1.60	5.71	9.91	14.11	18.31	36	22.51	26.71	30.91	35.11	39.31
1.68	5.80	10.00	14.20	18.40	38	22.60	26.80	31.00	35.20	39.40
1.76	5.88	10.08	14.28	18.48	40	22.68	26.88	31.08	35.28	39.48
1.85	5.96	10.16	14.36	18.56	42	22.76	26.96	31.16	35.36	39.56
1.93	6.05	10.25	14.45	18.65	44	22.85	27.05	31.25	35.45	39.65
2.02	6.13	10.33	14.53	18.73	46	22.93	27.13	31.33	35.53	39.73
2.10	6.22	10.42	14.62	18.82	48	23.02	27.22	31.42	35.62	39.82
2.18	6.30	10.50	14.70	18.90	50	23.10	27.30	31.50	35.70	39.90
2.27	6.38	10.58	14.78	18.98	52	23.18	27.38	31.58	35.78	39.98
2.35	6.47	10.67	14.87	19.07	54	23.27	27.47	31.67	35.87	40.07
2.44	6.55	10.75	14.95	19.15	56	23.35	27.55	31.75	35.95	40.15
2.52	6.64	10.84	15.04	19.24	58	23.44	27.64	31.84	36.04	40.24
2.60	6.72	10.92	15.12	19.32	60	23.52	27.72	31.92	36.12	40.32
2.69	6.80	11.00	15.20	19.40	62	23.60	27.80	32.00	36.20	40.40
2.77	6.89	11.09	15.29	19.49	64	23.69	27.89	32.09	36.29	40.49
2.86	6.97	11.17	15.37	19.57	66	23.77	27.97	32.17	36.37	40.57
2.94	7.06	11.26	15.46	19.66	68	23.86	28.06	32.26	36.46	40.66
3.02	7.14	11.34	15.54	19.74	70	23.94	28.14	32.34	36.54	40.74
3.11	7.22	11.42	15.62	19.82	72	24.02	28.22	32.42	36.62	40.82
3.19	7.31	11.51	15.71	19.91	74	24.11	28.31	32.51	36.71	40.91
3.28	7.39	11.59	15.79	19.99	76	24.19	28.39	32.59	36.79	40.99
3.36	7.48	11.68	15.88	20.08	78	24.28	28.48	32.68	36.88	41.08
3.44	7.56	11.76	15.96	20.16	80	24.36	28.56	32.76	36.96	41.16
3.53	7.64	11.84	16.04	20.24	82	24.44	28.64	32.84	37.04	41.24
3.61	7.73	11.93	16.13	20.33	84	24.53	28.73	32.93	37.13	41.33
3.70	7.81	12.01	16.21	20.41	86	24.61	28.81	33.01	37.21	41.41
3.78	7.90	12.10	16.30	20.50	88	24.70	28.90	33.10	37.30	41.50
3.86	7.98	12.18	16.38	20.58	90	24.78	28.98	33.18	37.38	41.58
3.95	8.06	12.26	16.46	20.66	92	24.86	29.06	33.26	37.46	41.66
4.03	8.15	12.35	16.55	20.75	94	24.95	29.15	33.35	37.55	41.75
4.12	8.23	12.43	16.63	20.83	96	25.03	29.23	33.43	37.63	41.83
4.12	8.32	12.52	16.72	20.92	98	25.12	29.32	33.52	37.72	41.92

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
42.00	84.00	126.00	168.00	10	210.00	252.00	294.00	336.00	378.00
420.00	462.00	504.00	546.00	10	630.00	672.00	714.00	756.00	798.00
840.00	882.00	924.00	966.00	20	1050.00	1092.00	1134.00	1176.00	1218.00



\$4.22½ Per 100

\$42.25 Per M.

149

2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.23	8.46	12.68	16.90		21.13	25.35	29.58	33.80	38.03
.08	4.31	8.53	12.76	16.98	2	21.21	25.43	29.66	33.88	38.11
.17	4.39	8.62	12.84	17.07	4	21.29	25.52	29.74	33.97	38.19
.25	4.48	8.70	12.93	17.15	6	21.38	25.60	29.83	34.05	38.28
.34	4.56	8.79	13.01	17.24	8	21.46	25.69	29.91	34.14	38.36
.42	4.65	8.87	13.10	17.32	10	21.55	25.77	30.00	34.22	38.45
.51	4.73	8.96	13.18	17.41	12	21.63	25.86	30.08	34.31	38.53
.59	4.82	9.04	13.27	17.49	14	21.72	25.94	30.17	34.39	38.62
.68	4.90	9.13	13.35	17.58	16	21.80	26.03	30.25	34.48	38.70
.76	4.99	9.21	13.44	17.66	18	21.89	26.11	30.34	34.56	38.79
.85	5.07	9.30	13.52	17.75	20	21.97	26.20	30.42	34.65	38.87
.93	5.15	9.38	13.60	17.83	22	22.05	26.28	30.50	34.73	38.95
1.01	5.24	9.46	13.69	17.91	24	22.14	26.36	30.59	34.81	39.04
1.10	5.32	9.55	13.77	18.00	26	22.22	26.45	30.67	34.90	39.12
1.18	5.41	9.63	13.86	18.08	28	22.31	26.53	30.76	34.98	39.21
1.27	5.49	9.72	13.94	18.17	30	22.39	26.62	30.84	35.07	39.29
1.35	5.58	9.80	14.03	18.25	32	22.48	26.70	30.93	35.15	39.38
1.44	5.66	9.89	14.11	18.34	34	22.56	26.79	31.01	35.24	39.46
1.52	5.75	9.97	14.20	18.42	36	22.65	26.87	31.10	35.32	39.55
1.61	5.83	10.06	14.28	18.51	38	22.73	26.96	31.18	35.41	39.63
1.69	5.92	10.14	14.37	18.59	40	22.82	27.04	31.27	35.49	39.72
1.77	6.00	10.22	14.45	18.67	42	22.90	27.12	31.35	35.57	39.80
1.86	6.08	10.31	14.53	18.76	44	22.98	27.21	31.43	35.66	39.88
1.94	6.17	10.39	14.62	18.84	46	23.07	27.29	31.52	35.74	39.97
2.03	6.25	10.48	14.70	18.93	48	23.15	27.38	31.60	35.83	40.05
2.11	6.34	10.56	14.79	19.01	50	23.24	27.46	31.69	35.91	40.14

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.20	6.42	10.65	14.87	19.10	52	23.32	27.55	31.77	36.00	40.22
2.28	6.51	10.73	14.96	19.18	54	23.41	27.63	31.86	36.08	40.31
2.37	6.59	10.82	15.04	19.27	56	23.49	27.72	31.94	36.17	40.39
2.45	6.68	10.90	15.13	19.35	58	23.58	27.80	32.03	36.25	40.48
2.54	6.76	10.99	15.21	19.44	60	23.66	27.89	32.11	36.34	40.56
2.62	6.84	11.07	15.29	19.52	62	23.74	27.97	32.19	36.42	40.64
2.70	6.93	11.15	15.38	19.60	64	23.83	28.05	32.28	36.50	40.73
2.79	7.01	11.24	15.46	19.69	66	23.91	28.14	32.36	36.59	40.81
2.87	7.10	11.32	15.55	19.77	68	24.00	28.22	32.45	36.67	40.90
2.96	7.18	11.41	15.63	19.86	70	24.08	28.31	32.53	36.76	40.98
3.04	7.27	11.49	15.72	19.94	72	24.17	28.39	32.62	36.84	41.07
3.13	7.35	11.58	15.80	20.03	74	24.25	28.48	32.70	36.93	41.15
3.21	7.44	11.66	15.89	20.11	76	24.34	28.56	32.79	37.01	41.24
3.30	7.52	11.75	15.97	20.20	78	24.42	28.65	32.87	37.10	41.32
3.38	7.61	11.83	16.06	20.28	80	24.51	28.73	32.96	37.18	41.41
3.46	7.69	11.91	16.14	20.36	82	24.59	28.81	33.04	37.26	41.49
3.55	7.77	12.00	16.22	20.45	84	24.67	28.90	33.12	37.35	41.57
3.63	7.86	12.08	16.31	20.53	86	24.76	28.98	33.21	37.43	41.66
3.72	7.94	12.17	16.39	20.62	88	24.84	29.07	33.29	37.52	41.74
3.80	8.03	12.25	16.48	20.70	90	24.93	29.15	33.38	37.60	41.83
3.89	8.11	12.34	16.56	20.79	92	25.01	29.24	33.46	37.69	41.91
3.97	8.20	12.42	16.65	20.87	94	25.10	29.32	33.55	37.77	42.00
4.06	8.28	12.51	16.73	20.96	96	25.18	29.41	33.63	37.86	42.08
4.14	8.37	12.59	16.82	21.04	98	25.27	29.49	33.72	37.94	42.17

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
42.25	84.50	126.75	169.00		211.25	253.50	295.75	338.00	380.25
422.50	404.75	507.00	549.25	10	633.75	676.00	718.25	760.50	802.75
845.00	887.25	929.50	971.75	20	1056.25	1098.50	1140.75	1183.00	1225.25

\$54

\$42

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 95	100	200	300	400	feet	500	600	700	800	900
	4.25	8.50	12.75	17.00		21.25	25.50	29.75	34.00	38.25
.09	4.34	8.59	12.84	17.09	2	21.34	25.59	29.84	34.09	38.34
.17	4.42	8.67	12.92	17.17	4	21.42	25.67	29.92	34.17	38.42
.26	4.51	8.76	13.01	17.26	6	21.51	25.76	30.01	34.26	38.51
.34	4.59	8.84	13.09	17.34	8	21.59	25.84	30.09	34.34	38.59
.43	4.68	8.93	13.18	17.43	10	21.68	25.93	30.18	34.43	38.68
.51	4.76	9.01	13.26	17.51	12	21.76	26.01	30.26	34.51	38.76
.60	4.85	9.10	13.35	17.60	14	21.85	26.10	30.35	34.60	38.85
.68	4.93	9.18	13.43	17.68	16	21.93	26.18	30.43	34.68	38.93
.77	5.02	9.27	13.52	17.77	18	22.02	26.27	30.52	34.77	39.02
.85	5.10	9.35	13.60	17.85	20	22.10	26.35	30.60	34.85	39.10
.94	5.19	9.44	13.69	17.94	22	22.19	26.44	30.69	34.94	39.19
1.02	5.27	9.52	13.77	18.02	24	22.27	26.52	30.77	35.02	39.27
1.11	5.36	9.61	13.86	18.11	26	22.36	26.61	30.86	35.11	39.36
1.19	5.44	9.69	13.94	18.19	28	22.44	26.69	30.94	35.19	39.44
1.28	5.53	9.78	14.03	18.28	30	22.53	26.78	31.03	35.28	39.53
1.36	5.61	9.86	14.11	18.36	32	22.61	26.86	31.11	35.36	39.61
1.45	5.70	9.95	14.20	18.45	34	22.70	26.95	31.20	35.45	39.70
1.53	5.78	10.03	14.28	18.53	36	22.78	27.03	31.28	35.53	39.78
1.62	5.87	10.12	14.37	18.62	38	22.87	27.12	31.37	35.62	39.87
1.70	5.95	10.20	14.45	18.70	40	22.95	27.20	31.45	35.70	39.95
1.79	6.04	10.29	14.54	18.79	42	23.04	27.29	31.54	35.79	40.04
1.87	6.12	10.37	14.62	18.87	44	23.12	27.37	31.62	35.87	40.12
1.96	6.21	10.46	14.71	18.96	46	23.21	27.46	31.71	35.96	40.21
2.04	6.29	10.54	14.79	19.04	48	23.29	27.54	31.79	36.04	40.29
2.13	6.38	10.63	14.88	19.13	50	23.38	27.63	31.88	36.13	40.38

2 to 95	100	200	300	400	feet	500	600	700	800	900
2.21	6.46	10.71	14.96	19.21	52	23.46	27.71	31.96	36.21	40.46
2.30	6.55	10.80	15.05	19.30	54	23.55	27.80	32.05	36.30	40.55
2.38	6.63	10.88	15.13	19.38	56	23.63	27.88	32.13	36.38	40.63
2.47	6.72	10.97	15.22	19.47	58	23.72	27.97	32.22	36.47	40.72
2.55	6.80	11.05	15.30	19.55	60	23.80	28.05	32.30	36.55	40.80
2.64	6.89	11.14	15.39	19.64	62	23.89	28.14	32.39	36.64	40.89
2.72	6.97	11.22	15.47	19.72	64	23.97	28.22	32.47	36.72	40.97
2.81	7.06	11.31	15.56	19.81	66	24.06	28.31	32.56	36.81	41.06
2.89	7.14	11.39	15.64	19.89	68	24.14	28.39	32.64	36.89	41.14
2.98	7.23	11.48	15.73	19.98	70	24.23	28.48	32.73	36.98	41.23
3.06	7.31	11.56	15.81	20.06	72	24.31	28.56	32.81	37.06	41.31
3.15	7.40	11.65	15.90	20.15	74	24.40	28.65	32.90	37.15	41.40
3.23	7.48	11.73	15.98	20.23	76	24.48	28.73	32.98	37.23	41.48
3.32	7.57	11.82	16.07	20.32	78	24.57	28.82	33.07	37.32	41.57
3.40	7.65	11.90	16.15	20.40	80	24.65	28.90	33.15	37.40	41.65
3.49	7.74	11.99	16.24	20.49	82	24.74	28.99	33.24	37.49	41.74
3.57	7.82	12.07	16.32	20.57	84	24.82	29.07	33.32	37.57	41.82
3.66	7.91	12.16	16.41	20.66	86	24.91	29.16	33.41	37.66	41.91
3.74	7.99	12.24	16.49	20.74	88	24.99	29.24	33.49	37.74	41.99
3.83	8.08	12.33	16.58	20.83	90	25.08	29.33	33.58	37.83	42.08
3.91	8.16	12.41	16.66	20.91	92	25.16	29.41	33.66	37.91	42.16
4.00	8.25	12.50	16.75	21.00	94	25.25	29.50	33.75	38.00	42.25
4.08	8.33	12.58	16.83	21.08	96	25.33	29.58	33.83	38.08	42.33
4.17	8.42	12.67	16.92	21.17	98	25.42	29.67	33.92	38.17	42.42

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
42.50	85.00	127.50	170.00		212.50	255.00	297.50	340.00	382.50
425.00	467.50	510.00	552.50	595.00	637.50	680.00	722.50	765.00	807.50
850.00	892.50	935.00	977.50	1020.00	1062.50	1105.00	1147.50	1190.00	1232.50



\$4.27½ Per 100

\$42.75 Per M.

151

2 to 98	100	200	300	400 feet	500	600	700	800	900
.09	4.28	8.55	12.83	17.10	21.38	25.65	29.93	34.20	38.48
.17	4.36	8.64	12.91	17.19	21.46	25.74	30.01	34.29	38.56
.26	4.45	8.72	13.00	17.27	21.55	25.82	30.10	34.37	38.65
.34	4.53	8.81	13.08	17.36	21.63	25.91	30.18	34.46	38.73
.43	4.62	8.89	13.17	17.44	21.72	25.99	30.27	34.54	38.82
.51	4.70	8.98	13.25	17.53	21.80	26.08	30.35	34.63	38.90
.60	4.79	9.06	13.34	17.61	21.89	26.16	30.44	34.71	38.99
.68	4.87	9.15	13.42	17.70	21.97	26.25	30.52	34.80	39.07
.77	4.96	9.23	13.51	17.78	22.06	26.33	30.61	34.88	39.16
.86	5.04	9.32	13.59	17.87	22.14	26.42	30.69	34.97	39.24
.94	5.13	9.41	13.68	17.96	22.23	26.51	30.78	35.06	39.33
1.03	5.22	9.49	13.77	18.04	22.32	26.59	30.87	35.14	39.42
1.11	5.30	9.58	13.85	18.13	22.40	26.68	30.95	35.23	39.50
1.20	5.39	9.66	13.94	18.21	22.49	26.76	31.04	35.31	39.59
1.28	5.47	9.75	14.02	18.30	22.57	26.85	31.12	35.40	39.67
1.37	5.56	9.83	14.11	18.38	22.66	26.93	31.21	35.48	39.76
1.45	5.64	9.92	14.19	18.47	22.74	27.02	31.29	35.57	39.84
1.54	5.73	10.00	14.28	18.55	22.83	27.10	31.38	35.65	39.93
1.62	5.81	10.09	14.36	18.64	22.91	27.19	31.46	35.74	40.01
1.71	5.90	10.17	14.45	18.72	23.00	27.27	31.55	35.82	40.10
1.80	5.99	10.26	14.54	18.81	23.09	27.36	31.64	35.91	40.19
1.88	6.07	10.35	14.62	18.90	23.17	27.45	31.72	36.00	40.27
1.97	6.16	10.43	14.71	18.98	23.26	27.53	31.81	36.08	40.36
2.05	6.24	10.52	14.79	19.07	23.34	27.62	31.89	36.17	40.44
2.14	6.33	10.60	14.88	19.15	23.43	27.70	31.98	36.25	40.53
2.22	6.41	10.69	14.96	19.24	23.51	27.79	32.06	36.34	40.61

2 to 98	100	200	300	400 feet	500	600	700	800	900	
2.22	6.50	10.77	15.05	19.32	52	23.60	27.87	32.15	36.42	40.70
2.31	6.58	10.86	15.13	19.41	54	23.68	27.96	32.23	36.51	40.78
2.39	6.67	10.94	15.22	19.49	56	23.77	28.04	32.32	36.59	40.87
2.48	6.75	11.03	15.30	19.58	58	23.85	28.13	32.40	36.68	40.95
2.57	6.84	11.12	15.39	19.67	60	23.94	28.22	32.49	36.77	41.04
2.65	6.93	11.20	15.48	19.75	62	24.03	28.30	32.58	36.85	41.13
2.74	7.01	11.29	15.56	19.84	64	24.11	28.39	32.66	36.94	41.21
2.82	7.10	11.37	15.65	19.92	66	24.20	28.47	32.75	37.02	41.30
2.91	7.18	11.46	15.73	20.01	68	24.28	28.56	32.83	37.11	41.38
2.99	7.27	11.54	15.82	20.09	70	24.37	28.64	32.92	37.19	41.47
3.08	7.35	11.63	15.90	20.18	72	24.45	28.73	33.00	37.28	41.55
3.16	7.44	11.71	15.99	20.26	74	24.54	28.81	33.09	37.36	41.64
3.25	7.52	11.80	16.07	20.35	76	24.62	28.90	33.17	37.45	41.72
3.33	7.61	11.88	16.16	20.43	78	24.71	28.98	33.26	37.53	41.81
3.42	7.70	11.97	16.25	20.52	80	24.80	29.07	33.35	37.62	41.90
3.51	7.78	12.06	16.33	20.61	82	24.88	29.16	33.43	37.71	41.98
3.59	7.87	12.14	16.42	20.69	84	24.97	29.24	33.52	37.79	42.07
3.68	7.95	12.23	16.50	20.78	86	25.05	29.33	33.60	37.88	42.15
3.76	8.04	12.31	16.59	20.86	88	25.14	29.41	33.69	37.96	42.24
3.85	8.12	12.40	16.67	20.95	90	25.22	29.50	33.77	38.05	42.32
3.93	8.21	12.48	16.76	21.03	92	25.31	29.58	33.86	38.13	42.41
4.02	8.29	12.57	16.84	21.12	94	25.39	29.67	33.94	38.22	42.49
4.10	8.38	12.65	16.93	21.20	96	25.48	29.75	34.03	38.30	42.58
4.19	8.46	12.74	17.01	21.29	98	25.56	29.84	34.11	38.39	42.66

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
42.75	85.50	128.25	171.00		213.75	256.50	299.25	342.00	384.75
427.50	470.25	513.00	555.75	10	641.25	684.00	726.75	769.50	812.25
855.00	897.75	940.50	983.25	20	1068.75	1111.50	1154.25	1197.00	1239.75

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.24	6.54	10.84	15.14	19.44	52	23.74	28.04	32.34	36.64	40.94
2.32	6.62	10.92	15.22	19.52	54	23.82	28.12	32.42	36.72	41.02
2.41	6.71	11.01	15.31	19.61	56	23.91	28.21	32.51	36.81	41.11
2.49	6.79	11.09	15.39	19.69	58	23.99	28.29	32.59	36.89	41.19
2.58	6.88	11.18	15.48	19.78	60	24.08	28.38	32.68	36.98	41.28
2.67	6.97	11.27	15.57	19.87	62	24.17	28.47	32.77	37.07	41.37
2.75	7.05	11.35	15.65	19.95	64	24.25	28.55	32.85	37.15	41.45
2.84	7.14	11.44	15.74	20.04	66	24.34	28.64	32.94	37.24	41.54
2.92	7.22	11.52	15.82	20.12	68	24.42	28.72	33.02	37.32	41.62
3.01	7.31	11.61	15.91	20.21	70	24.51	28.81	33.11	37.41	41.71
3.10	7.40	11.70	16.00	20.30	72	24.60	28.90	33.20	37.50	41.80
3.18	7.48	11.78	16.08	20.38	74	24.68	28.98	33.28	37.58	41.88
3.27	7.57	11.87	16.17	20.47	76	24.77	29.07	33.37	37.67	41.97
3.35	7.65	11.95	16.25	20.55	78	24.85	29.15	33.45	37.75	42.05
3.44	7.74	12.04	16.34	20.64	80	24.94	29.24	33.54	37.84	42.14
3.53	7.83	12.13	16.43	20.73	82	25.03	29.33	33.63	37.93	42.23
3.61	7.91	12.21	16.51	20.81	84	25.11	29.41	33.71	38.01	42.31
3.70	8.00	12.30	16.60	20.90	86	25.20	29.50	33.80	38.10	42.40
3.78	8.08	12.38	16.68	20.98	88	25.28	29.58	33.88	38.18	42.48
3.87	8.17	12.47	16.77	21.07	90	25.37	29.67	33.97	38.27	42.57
3.96	8.26	12.56	16.86	21.16	92	25.46	29.76	34.06	38.36	42.66
4.04	8.34	12.64	16.94	21.24	94	25.54	29.84	34.14	38.44	42.74
4.13	8.43	12.73	17.03	21.33	96	25.63	29.93	34.23	38.53	42.83
4.21	8.51	12.81	17.11	21.41	98	25.71	30.01	34.31	38.61	42.91

Above 1M.									
M FEET				M FEET					
1	2	3	4	5	6	7	8	9	10
AMOUNT				AMOUNT					
43.00	88.00	129.00	172.00	215.00	258.00	301.00	344.00	387.00	
430.00	478.00	516.00	559.00	602.00	645.00	688.00	731.00	774.00	817.00
860.00	903.00	946.00	989.00	1032.00	1075.00	1118.00	1161.00	1204.00	1247.00



2 to 98	100	200	300	400 feet	500	600	700	800	900
.09	4.33	8.65	12.98	17.30	21.63	25.95	30.28	34.60	38.93
.17	4.41	8.74	13.06	17.39	21.71	26.04	30.36	34.69	39.01
.26	4.50	8.82	13.15	17.47	21.80	26.12	30.45	34.77	39.10
.35	4.58	8.91	13.23	17.56	21.88	26.21	30.53	34.86	39.18
.43	4.67	9.00	13.32	17.65	21.97	26.30	30.62	34.95	39.27
.52	4.76	9.08	13.41	17.73	22.06	26.38	30.71	35.03	39.36
.61	4.84	9.17	13.49	17.82	22.14	26.47	30.79	35.12	39.44
.69	4.93	9.26	13.58	17.91	22.23	26.56	30.88	35.21	39.53
.78	5.02	9.34	13.67	17.99	22.32	26.64	30.97	35.29	39.62
.87	5.10	9.43	13.75	18.08	22.40	26.73	31.05	35.38	39.70
.95	5.19	9.52	13.84	18.17	22.49	26.82	31.14	35.47	39.79
1.04	5.28	9.60	13.93	18.25	22.58	26.90	31.23	35.55	39.88
1.12	5.36	9.69	14.01	18.34	22.66	26.99	31.31	35.64	39.96
1.21	5.45	9.77	14.10	18.42	22.75	27.07	31.40	35.72	40.05
1.30	5.54	9.86	14.19	18.51	22.84	27.16	31.49	35.81	40.14
1.38	5.62	9.95	14.27	18.60	22.92	27.25	31.57	35.90	40.22
1.47	5.71	10.03	14.36	18.68	23.01	27.33	31.66	35.98	40.31
1.56	5.80	10.12	14.45	18.77	23.10	27.42	31.75	36.07	40.40
1.64	5.88	10.21	14.53	18.86	23.18	27.51	31.83	36.16	40.48
1.73	5.97	10.29	14.62	18.94	23.27	27.59	31.92	36.24	40.57
1.82	6.06	10.38	14.71	19.03	23.36	27.68	32.01	36.33	40.66
1.90	6.14	10.47	14.79	19.12	23.44	27.77	32.09	36.42	40.74
1.99	6.23	10.55	14.88	19.20	23.53	27.85	32.18	36.50	40.83
2.08	6.31	10.64	14.96	19.29	23.61	27.94	32.26	36.59	40.91
2.16	6.40	10.73	15.05	19.38	23.70	28.03	32.35	36.68	41.00
2.25	6.49	10.81	15.14	19.46	23.79	28.11	32.44	36.76	41.09

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.25	6.57	10.90	15.22	19.55	23.87	28.20	32.52	36.85	41.17
2.34	6.66	10.99	15.31	19.64	23.96	28.29	32.61	36.94	41.26
2.42	6.75	11.07	15.40	19.72	24.05	28.37	32.70	37.02	41.35
2.51	6.83	11.16	15.48	19.81	24.13	28.46	32.78	37.11	41.43
2.60	6.92	11.25	15.57	19.90	24.22	28.55	32.87	37.20	41.52
2.68	7.01	11.33	15.66	19.98	24.31	28.63	32.96	37.28	41.61
2.77	7.09	11.42	15.74	20.07	24.39	28.72	33.04	37.37	41.69
2.85	7.18	11.50	15.83	20.15	24.48	28.80	33.13	37.45	41.78
2.94	7.27	11.59	15.92	20.24	24.57	28.89	33.22	37.54	41.87
3.03	7.35	11.68	16.00	20.33	24.65	28.98	33.30	37.63	41.95
3.11	7.44	11.76	16.09	20.41	24.74	29.06	33.39	37.71	42.04
3.20	7.53	11.85	16.18	20.50	24.83	29.15	33.48	37.80	42.13
3.29	7.61	11.94	16.26	20.59	24.91	29.24	33.56	37.89	42.21
3.37	7.70	12.02	16.35	20.67	25.00	29.32	33.65	37.97	42.30
3.46	7.79	12.11	16.44	20.76	25.09	29.41	33.74	38.06	42.39
3.55	7.87	12.20	16.52	20.85	25.17	29.50	33.82	38.15	42.47
3.63	7.96	12.28	16.61	20.93	25.26	29.58	33.91	38.23	42.56
3.72	8.04	12.37	16.69	21.02	25.34	29.67	33.99	38.32	42.64
3.81	8.13	12.46	16.78	21.11	25.43	29.76	34.08	38.41	42.73
3.89	8.22	12.54	16.87	21.19	25.52	29.84	34.17	38.49	42.82
3.98	8.30	12.63	16.95	21.28	25.60	29.93	34.25	38.58	42.90
4.07	8.39	12.72	17.04	21.37	25.69	30.02	34.34	38.67	42.99
4.15	8.48	12.80	17.13	21.45	25.78	30.10	34.43	38.75	43.08
4.24	8.56	12.89	17.21	21.54	25.86	30.19	34.51	38.84	43.16

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
43.25	86.50	129.75	173.00	216.25	259.50	302.75	346.00	389.25	
432.50	475.75	519.00	562.25	605.50	648.75	692.00	735.25	778.50	821.75
865.00	908.25	951.50	994.75	1038.00	1081.25	1124.50	1167.75	1211.00	1254.25

\$54

\$43

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
4.35	8.70	13.05	17.40		2	21.75	26.10	30.45	34.80	39.15
4.44	8.79	13.14	17.49		2	21.84	26.19	30.54	34.89	39.24
4.52	8.87	13.22	17.57		4	21.92	26.27	30.62	34.97	39.32
4.61	8.96	13.31	17.66		6	22.01	26.36	30.71	35.06	39.41
4.70	9.05	13.40	17.75		8	22.10	26.45	30.80	35.15	39.50
4.79	9.14	13.49	17.84		10	22.19	26.54	30.89	35.24	39.59
4.87	9.22	13.57	17.92		12	22.27	26.62	30.97	35.32	39.67
4.96	9.31	13.66	18.01		14	22.36	26.71	31.06	35.41	39.76
5.05	9.40	13.75	18.10		16	22.45	26.80	31.15	35.50	39.85
5.13	9.48	13.83	18.18		18	22.53	26.88	31.23	35.58	39.93
5.22	9.57	13.92	18.27		20	22.62	26.97	31.32	35.67	40.02
5.31	9.66	14.01	18.36		22	22.71	27.06	31.41	35.76	40.11
5.39	9.74	14.09	18.44		24	22.79	27.14	31.49	35.84	40.19
5.48	9.83	14.18	18.53		26	22.88	27.23	31.58	35.93	40.28
5.57	9.92	14.27	18.62		28	22.97	27.32	31.67	36.02	40.37
5.66	10.01	14.36	18.71		30	23.06	27.41	31.76	36.11	40.46
5.74	10.09	14.44	18.79		32	23.14	27.49	31.84	36.19	40.54
5.83	10.18	14.53	18.88		34	23.23	27.58	31.93	36.28	40.63
5.92	10.27	14.62	18.97		36	23.32	27.67	32.02	36.37	40.72
6.00	10.35	14.70	19.05		38	23.40	27.75	32.10	36.45	40.80
6.09	10.44	14.79	19.14		40	23.49	27.84	32.19	36.54	40.89
6.18	10.53	14.88	19.23		42	23.58	27.93	32.28	36.63	40.98
6.26	10.61	14.96	19.31		44	23.66	28.01	32.36	36.71	41.06
6.35	10.70	15.05	19.40		46	23.75	28.10	32.45	36.80	41.15
6.44	10.79	15.14	19.49		48	23.84	28.19	32.54	36.89	41.24
6.53	10.88	15.23	19.58		50	23.93	28.28	32.63	36.98	41.33

2 to 98	100	200	300	400	feet	500	600	700	800	900
6.61	10.96	15.31	19.66		52	24.01	28.36	32.71	37.06	41.41
6.70	11.05	15.40	19.75		54	24.10	28.45	32.80	37.15	41.50
6.79	11.14	15.49	19.84		56	24.19	28.54	32.89	37.24	41.59
6.87	11.22	15.57	19.92		58	24.27	28.62	32.97	37.32	41.67
6.96	11.31	15.66	20.01		60	24.36	28.71	33.06	37.41	41.76
7.05	11.40	15.75	20.10		62	24.45	28.80	33.15	37.50	41.85
7.13	11.48	15.83	20.18		64	24.53	28.88	33.23	37.58	41.93
7.22	11.57	15.92	20.27		66	24.62	28.97	33.32	37.67	42.02
7.31	11.66	16.01	20.36		68	24.71	29.06	33.41	37.76	42.11
7.40	11.75	16.10	20.45		70	24.80	29.15	33.50	37.85	42.20
7.48	11.83	16.18	20.53		72	24.88	29.23	33.58	37.93	42.28
7.57	11.92	16.27	20.62		74	24.97	29.32	33.67	38.02	42.37
7.66	12.01	16.36	20.71		76	25.06	29.41	33.76	38.11	42.46
7.74	12.09	16.44	20.79		78	25.14	29.49	33.84	38.19	42.54
7.83	12.18	16.53	20.88		80	25.23	29.58	33.93	38.28	42.63
7.92	12.27	16.62	20.97		82	25.32	29.67	34.02	38.37	42.72
8.00	12.35	16.70	21.05		84	25.40	29.75	34.10	38.45	42.80
8.09	12.44	16.79	21.14		86	25.49	29.84	34.19	38.54	42.89
8.18	12.53	16.88	21.23		88	25.58	29.93	34.28	38.63	42.98
8.27	12.62	16.97	21.32		90	25.67	30.02	34.37	38.72	43.07
8.35	12.70	17.05	21.40		92	25.75	30.10	34.45	38.80	43.15
8.44	12.79	17.14	21.49		94	25.84	30.19	34.54	38.89	43.24
8.53	12.88	17.23	21.58		96	25.93	30.28	34.63	38.98	43.33
8.61	12.96	17.31	21.66		98	26.01	30.36	34.71	39.06	43.41

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
43.50	87.00	130.50	174.00		217.50	261.00	304.50	348.00	391.50
435.00	478.50	522.00	565.50	609.00	10	652.50	696.00	739.50	783.00
970.00	913.50	957.00	1000.50	1044.00	20	1087.50	1131.00	1174.50	1218.00



\$4.37½ Per 100

\$43.75 Per M.

155

2 to 98	100	200	300	400	feet	500	600	700	800	900
.09	4.38	8.75	13.13	17.50	2	21.88	26.25	30.63	35.00	39.38
.18	4.46	8.84	13.21	17.59	4	21.96	26.34	30.71	35.09	39.46
.26	4.55	8.93	13.30	17.68	6	22.05	26.43	30.80	35.18	39.55
.35	4.64	9.01	13.39	17.76	8	22.14	26.51	30.89	35.26	39.64
.44	4.73	9.10	13.48	17.85	10	22.23	26.60	30.98	35.35	39.73
.53	4.81	9.19	13.56	17.94	12	22.31	26.69	31.06	35.44	39.81
.61	4.90	9.28	13.65	18.03	14	22.40	26.78	31.15	35.53	39.90
.70	4.99	9.36	13.74	18.11	16	22.49	26.86	31.24	35.61	39.99
.79	5.08	9.45	13.83	18.20	18	22.58	26.95	31.33	35.70	40.08
.88	5.16	9.54	13.91	18.29	20	22.66	27.04	31.41	35.79	40.16
.96	5.25	9.63	14.00	18.38	22	22.75	27.13	31.50	35.88	40.25
1.05	5.34	9.71	14.09	18.46	24	22.84	27.21	31.59	35.96	40.34
1.14	5.43	9.80	14.18	18.55	26	22.93	27.30	31.68	36.05	40.43
1.23	5.51	9.89	14.26	18.64	28	23.01	27.39	31.76	36.14	40.51
1.31	5.60	9.98	14.35	18.73	30	23.10	27.48	31.85	36.23	40.60
1.40	5.69	10.06	14.44	18.81	32	23.19	27.56	31.94	36.31	40.69
1.49	5.78	10.15	14.53	18.90	34	23.28	27.65	32.03	36.40	40.78
1.58	5.86	10.24	14.61	18.99	36	23.36	27.74	32.11	36.49	40.86
1.66	5.95	10.33	14.70	19.08	38	23.45	27.83	32.20	36.58	40.95
1.75	6.04	10.41	14.79	19.16	40	23.54	27.91	32.29	36.66	41.04
1.84	6.13	10.50	14.88	19.25	42	23.63	28.00	32.38	36.75	41.13
1.93	6.21	10.59	14.96	19.34	44	23.71	28.09	32.46	36.84	41.21
2.01	6.30	10.68	15.05	19.43	46	23.80	28.18	32.55	36.93	41.30
2.10	6.39	10.76	15.14	19.51	48	23.89	28.26	32.64	37.01	41.39
2.19	6.48	10.85	15.23	19.60	50	23.98	28.35	32.73	37.10	41.48
2.28	6.56	10.94	15.31	19.69	52	24.06	28.44	32.81	37.19	41.56

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.28	6.65	11.03	15.40	19.78	52	24.15	28.53	32.90	37.28	41.65
2.36	6.74	11.11	15.49	19.86	54	24.24	28.61	32.99	37.36	41.74
2.45	6.83	11.20	15.58	19.95	56	24.33	28.70	33.08	37.45	41.83
2.54	6.91	11.29	15.66	20.04	58	24.41	28.79	33.16	37.54	41.91
2.63	7.00	11.38	15.75	20.13	60	24.50	28.88	33.25	37.63	42.00
2.71	7.09	11.46	15.84	20.21	62	24.59	28.96	33.34	37.71	42.09
2.80	7.18	11.55	15.93	20.30	64	24.68	29.05	33.43	37.80	42.18
2.89	7.26	11.64	16.01	20.39	66	24.76	29.14	33.51	37.89	42.26
2.98	7.35	11.73	16.10	20.48	68	24.85	29.23	33.60	37.98	42.35
3.06	7.44	11.81	16.19	20.56	70	24.94	29.31	33.69	38.06	42.44
3.15	7.53	11.90	16.28	20.65	72	25.03	29.40	33.78	38.15	42.53
3.24	7.61	11.99	16.36	20.74	74	25.11	29.49	33.86	38.24	42.61
3.33	7.70	12.08	16.45	20.83	76	25.20	29.58	33.95	38.33	42.70
3.41	7.79	12.16	16.54	20.91	78	25.29	29.66	34.04	38.41	42.79
3.50	7.88	12.25	16.63	21.00	80	25.38	29.75	34.13	38.50	42.88
3.59	7.96	12.34	16.71	21.09	82	25.46	29.84	34.21	38.59	42.96
3.68	8.05	12.43	16.80	21.18	84	25.55	29.93	34.30	38.68	43.05
3.76	8.14	12.51	16.89	21.26	86	25.64	30.01	34.39	38.76	43.14
3.85	8.23	12.60	16.98	21.35	88	25.73	30.10	34.48	38.85	43.23
3.94	8.31	12.69	17.06	21.44	90	25.81	30.19	34.56	38.94	43.31
4.03	8.40	12.78	17.15	21.53	92	25.90	30.28	34.65	39.03	43.40
4.11	8.49	12.86	17.24	21.61	94	25.99	30.36	34.74	39.11	43.49
4.20	8.58	12.95	17.33	21.70	96	26.08	30.45	34.83	39.20	43.58
4.29	8.66	13.04	17.41	21.79	98	26.16	30.54	34.91	39.29	43.66

Above 1M.

1	2	3	4	M	5	6	7	8	9
43.75	87.50	131.25	175.00		218.75	262.50	306.25	350.00	393.75
497.50	481.25	525.00	568.75	612.50	656.25	700.00	743.75	787.50	831.25
875.00	918.75	962.50	1006.25	1050.00	1093.75	1137.50	1181.25	1225.00	1268.75

\$54

\$44

\$45

\$46

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\$48

\$49

\$50

\$51

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\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.40	8.80	13.20	17.60		22.00	26.40	30.80	35.20	39.60
.09	4.49	8.89	13.29	17.69	2	22.09	26.49	30.89	35.29	39.69
.18	4.58	8.98	13.38	17.78	4	22.18	26.58	30.98	35.38	39.78
.26	4.66	9.06	13.46	17.86	6	22.26	26.66	31.06	35.46	39.86
.35	4.75	9.15	13.55	17.95	8	22.35	26.75	31.15	35.55	39.95
.44	4.84	9.24	13.64	18.04	10	22.44	26.84	31.24	35.64	40.04
.53	4.93	9.33	13.73	18.13	12	22.53	26.93	31.33	35.73	40.13
.62	5.02	9.42	13.82	18.22	14	22.62	27.02	31.42	35.82	40.22
.70	5.10	9.50	13.90	18.30	16	22.70	27.10	31.50	35.90	40.30
.79	5.19	9.59	13.99	18.39	18	22.79	27.19	31.59	35.99	40.39
.88	5.28	9.68	14.08	18.48	20	22.88	27.28	31.68	36.08	40.48
.97	5.37	9.77	14.17	18.57	22	22.97	27.37	31.77	36.17	40.57
1.06	5.46	9.86	14.26	18.66	24	23.06	27.46	31.86	36.26	40.66
1.14	5.54	9.94	14.34	18.74	26	23.14	27.54	31.94	36.34	40.74
1.23	5.63	10.03	14.43	18.83	28	23.23	27.63	32.03	36.43	40.83
1.32	5.72	10.12	14.52	18.92	30	23.32	27.72	32.12	36.52	40.92
1.41	5.81	10.21	14.61	19.01	32	23.41	27.81	32.21	36.61	41.01
1.50	5.90	10.30	14.70	19.10	34	23.50	27.90	32.30	36.70	41.10
1.58	5.98	10.38	14.78	19.18	36	23.58	27.98	32.38	36.78	41.18
1.67	6.07	10.47	14.87	19.27	38	23.67	28.07	32.47	36.87	41.27
1.76	6.16	10.56	14.96	19.36	40	23.76	28.16	32.56	36.96	41.36
1.85	6.25	10.65	15.05	19.45	42	23.85	28.25	32.65	37.05	41.45
1.94	6.34	10.74	15.14	19.54	44	23.94	28.34	32.74	37.14	41.54
2.02	6.42	10.82	15.22	19.62	46	24.02	28.42	32.82	37.22	41.62
2.11	6.51	10.91	15.31	19.71	48	24.11	28.51	32.91	37.31	41.71
2.20	6.60	11.00	15.40	19.80	50	24.20	28.60	33.00	37.40	41.80

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.29	6.69	11.09	15.49	19.89	52	24.29	28.69	33.09	37.49	41.89
2.38	6.78	11.18	15.58	19.98	54	24.38	28.78	33.18	37.58	41.98
2.46	6.86	11.26	15.66	20.06	56	24.46	28.86	33.26	37.66	42.06
2.55	6.95	11.35	15.75	20.15	58	24.55	28.95	33.35	37.75	42.15
2.64	7.04	11.44	15.84	20.24	60	24.64	29.04	33.44	37.84	42.24
2.73	7.13	11.53	15.93	20.33	62	24.73	29.13	33.53	37.93	42.33
2.82	7.22	11.62	16.02	20.42	64	24.82	29.22	33.62	38.02	42.42
2.90	7.30	11.70	16.10	20.50	66	24.90	29.30	33.70	38.10	42.50
2.99	7.39	11.79	16.19	20.59	68	24.99	29.39	33.79	38.19	42.59
3.08	7.48	11.88	16.28	20.68	70	25.08	29.48	33.88	38.28	42.68
3.17	7.57	11.97	16.37	20.77	72	25.17	29.57	33.97	38.37	42.77
3.26	7.66	12.06	16.46	20.86	74	25.26	29.66	34.06	38.46	42.86
3.34	7.74	12.14	16.54	20.94	76	25.34	29.74	34.14	38.54	42.94
3.43	7.83	12.23	16.63	21.03	78	25.43	29.83	34.23	38.63	43.03
3.52	7.92	12.32	16.72	21.12	80	25.52	29.92	34.32	38.72	43.12
3.61	8.01	12.41	16.81	21.21	82	25.61	30.01	34.41	38.81	43.21
3.70	8.10	12.50	16.90	21.30	84	25.70	30.10	34.50	38.90	43.30
3.78	8.18	12.58	16.98	21.38	86	25.78	30.18	34.58	38.98	43.38
3.87	8.27	12.67	17.07	21.47	88	25.87	30.27	34.67	39.07	43.47
3.96	8.36	12.76	17.16	21.56	90	25.96	30.36	34.76	39.16	43.56
4.05	8.45	12.85	17.25	21.65	92	26.05	30.45	34.85	39.25	43.65
4.14	8.54	12.94	17.34	21.74	94	26.14	30.54	34.94	39.34	43.74
4.22	8.62	13.02	17.42	21.82	96	26.22	30.62	35.02	39.42	43.82
4.31	8.71	13.11	17.51	21.91	98	26.31	30.71	35.11	39.51	43.91

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
44.00	88.00	132.00	176.00		220.00	264.00	308.00	352.00	396.00
440.00	484.00	528.00	572.00	10	860.00	704.00	748.00	792.00	836.00
880.00	924.00	968.00	1012.00	20	1100.00	1144.00	1188.00	1232.00	1276.00



\$4.42½ Per 100

\$44.25 Per M.

157

\$54

\$44

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
.09	4.43	8.85	13.28	17.70	2	22.13	26.55	30.98	35.40	39.83
.18	4.51	8.94	13.36	17.79	4	22.21	26.64	31.06	35.49	39.91
.27	4.60	9.03	13.45	17.88	6	22.30	26.73	31.15	35.58	40.00
.35	4.69	9.12	13.54	17.97	8	22.39	26.82	31.24	35.67	40.09
.44	4.78	9.21	13.63	18.05	10	22.48	26.91	31.33	35.75	40.18
.53	4.87	9.29	13.72	18.14	12	22.57	26.99	31.42	35.84	40.27
.62	4.96	9.38	13.81	18.23	14	22.66	27.08	31.51	35.93	40.36
.71	5.04	9.47	13.89	18.32	16	22.74	27.17	31.59	36.02	40.44
.80	5.13	9.56	13.98	18.41	18	22.83	27.26	31.68	36.11	40.53
.89	5.22	9.65	14.07	18.50	20	22.92	27.35	31.77	36.20	40.62
.97	5.31	9.74	14.16	18.59	22	23.01	27.44	31.86	36.29	40.71
1.06	5.40	9.82	14.25	18.67	24	23.10	27.52	31.95	36.37	40.80
1.15	5.49	9.91	14.34	18.76	26	23.19	27.61	32.04	36.46	40.89
1.24	5.58	10.00	14.43	18.85	28	23.28	27.70	32.13	36.55	40.98
1.33	5.66	10.09	14.51	18.94	30	23.36	27.79	32.21	36.64	41.06
1.42	5.75	10.18	14.60	19.03	32	23.45	27.88	32.30	36.73	41.15
1.50	5.84	10.27	14.69	19.12	34	23.54	27.97	32.39	36.82	41.24
1.59	5.93	10.35	14.78	19.20	36	23.63	28.05	32.48	36.90	41.33
1.68	6.02	10.44	14.87	19.29	38	23.72	28.14	32.57	36.99	41.42
1.77	6.11	10.53	14.96	19.38	40	23.81	28.23	32.66	37.08	41.51
1.86	6.20	10.62	15.05	19.47	42	23.90	28.32	32.75	37.17	41.60
1.95	6.28	10.71	15.13	19.56	44	23.98	28.41	32.83	37.26	41.68
2.04	6.37	10.80	15.22	19.65	46	24.07	28.50	32.92	37.35	41.77
2.12	6.46	10.89	15.31	19.74	48	24.16	28.59	33.01	37.44	41.86
2.21	6.55	10.97	15.40	19.82	50	24.25	28.67	33.10	37.52	41.95
2.30	6.64	11.06	15.49	19.91	52	24.34	28.76	33.19	37.61	42.04

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.30	6.73	11.15	15.58	20.00	52	24.43	28.85	33.28	37.70	42.13
2.39	6.81	11.24	15.66	20.09	54	24.51	28.94	33.36	37.79	42.21
2.48	6.90	11.33	15.75	20.18	56	24.60	29.03	33.45	37.88	42.30
2.57	6.99	11.42	15.84	20.27	58	24.69	29.12	33.54	37.97	42.39
2.66	7.08	11.51	15.93	20.36	60	24.78	29.21	33.63	38.06	42.48
2.74	7.17	11.59	16.02	20.44	62	24.87	29.29	33.72	38.14	42.57
2.83	7.26	11.68	16.11	20.53	64	24.96	29.38	33.81	38.23	42.66
2.92	7.35	11.77	16.20	20.62	66	25.05	29.47	33.90	38.32	42.75
3.01	7.43	11.86	16.28	20.71	68	25.13	29.56	33.98	38.41	42.83
3.10	7.52	11.95	16.37	20.80	70	25.22	29.65	34.07	38.50	42.92
3.19	7.61	12.04	16.46	20.89	72	25.31	29.74	34.16	38.59	43.01
3.27	7.70	12.12	16.55	20.97	74	25.40	29.82	34.25	38.67	43.10
3.36	7.79	12.21	16.64	21.06	76	25.49	29.91	34.34	38.76	43.19
3.45	7.88	12.30	16.73	21.15	78	25.58	30.00	34.43	38.85	43.28
3.54	7.97	12.39	16.82	21.24	80	25.67	30.09	34.52	38.94	43.37
3.63	8.05	12.48	16.90	21.33	82	25.75	30.18	34.60	39.03	43.45
3.72	8.14	12.57	16.99	21.42	84	25.84	30.27	34.69	39.12	43.54
3.81	8.23	12.66	17.08	21.51	86	25.93	30.36	34.78	39.21	43.63
3.89	8.32	12.74	17.17	21.59	88	26.02	30.44	34.87	39.29	43.72
3.98	8.41	12.83	17.26	21.68	90	26.11	30.53	34.96	39.38	43.81
4.07	8.50	12.92	17.35	21.77	92	26.20	30.62	35.05	39.47	43.90
4.16	8.58	13.01	17.43	21.86	94	26.28	30.71	35.13	39.56	43.98
4.25	8.67	13.10	17.52	21.95	96	26.37	30.80	35.22	39.65	44.07
4.34	8.76	13.19	17.61	22.04	98	26.46	30.89	35.31	39.74	44.16

Above 1 M.

1	2	3	4	M	5	6	7	8	9
M FEET					M FEET				
AMOUNT					AMOUNT				
44.25	83.50	132.75	177.00	1	221.25	285.50	309.75	354.00	398.25
442.50	486.75	531.00	575.25	10	663.75	708.00	752.25	796.50	840.75
185.00	929.25	973.50	1017.75	20	1106.25	1150.50	1194.75	1239.00	1283.25

2 to 98	100	200	300	400 feet	500	600	700	800	900
.09	4.45	8.90	13.35	17.80	22.25	26.70	31.15	35.60	40.05
.18	4.54	8.99	13.44	17.89	22.34	26.79	31.24	35.69	40.14
.27	4.63	9.08	13.53	17.98	22.43	26.88	31.33	35.78	40.23
.36	4.72	9.17	13.62	18.07	22.52	26.97	31.42	35.87	40.32
.45	4.81	9.26	13.71	18.16	22.61	27.06	31.51	35.96	40.41
.53	4.90	9.35	13.80	18.25	22.70	27.15	31.60	36.05	40.50
.62	4.98	9.43	13.88	18.33	22.78	27.23	31.68	36.13	40.58
.71	5.07	9.52	13.97	18.42	22.87	27.32	31.77	36.22	40.67
.80	5.16	9.61	14.06	18.51	22.96	27.41	31.86	36.31	40.76
.89	5.25	9.70	14.15	18.60	23.05	27.50	31.95	36.40	40.85
.98	5.34	9.79	14.24	18.69	23.14	27.59	32.04	36.49	40.94
1.07	5.43	9.88	14.33	18.78	23.23	27.68	32.13	36.58	41.03
1.16	5.52	9.97	14.42	18.87	23.32	27.77	32.22	36.67	41.12
1.25	5.61	10.06	14.51	18.96	23.41	27.86	32.31	36.76	41.21
1.34	5.70	10.15	14.60	19.05	23.50	27.95	32.40	36.85	41.30
1.42	5.79	10.24	14.69	19.14	23.59	28.04	32.49	36.94	41.39
1.51	5.87	10.32	14.77	19.22	23.67	28.12	32.57	37.02	41.47
1.60	5.96	10.41	14.86	19.31	23.76	28.21	32.66	37.11	41.56
1.69	6.05	10.50	14.95	19.40	23.85	28.30	32.75	37.20	41.65
1.78	6.14	10.59	15.04	19.49	23.94	28.39	32.84	37.29	41.74
1.87	6.23	10.68	15.13	19.58	24.03	28.48	32.93	37.38	41.83
1.96	6.32	10.77	15.22	19.67	24.12	28.57	33.02	37.47	41.92
2.05	6.41	10.86	15.31	19.76	24.21	28.66	33.11	37.56	42.01
2.14	6.50	10.95	15.40	19.85	24.30	28.75	33.20	37.65	42.10
2.23	6.59	11.04	15.49	19.94	24.39	28.84	33.29	37.74	42.19
2.32	6.68	11.13	15.58	20.03	24.48	28.93	33.38	37.83	42.28
2 to 98	100	200	300	400 feet	500	600	700	800	900
2.31	6.76	11.21	15.66	20.11	24.56	29.01	33.46	37.91	42.36
2.40	6.85	11.30	15.75	20.20	24.65	29.10	33.55	38.00	42.45
2.49	6.94	11.39	15.84	20.29	24.74	29.19	33.64	38.09	42.54
2.58	7.03	11.48	15.93	20.38	24.83	29.28	33.73	38.18	42.63
2.67	7.12	11.57	16.02	20.47	24.92	29.37	33.82	38.27	42.72
2.76	7.21	11.66	16.11	20.56	25.01	29.46	33.91	38.36	42.81
2.85	7.30	11.75	16.20	20.65	25.10	29.55	34.00	38.45	42.90
2.94	7.39	11.84	16.29	20.74	25.19	29.64	34.09	38.54	42.99
3.03	7.48	11.93	16.38	20.83	25.28	29.73	34.18	38.63	43.08
3.12	7.57	12.02	16.47	20.92	25.37	29.82	34.27	38.72	43.17
3.20	7.65	12.10	16.55	21.00	25.45	29.90	34.35	38.80	43.25
3.29	7.74	12.19	16.64	21.09	25.54	29.99	34.44	38.89	43.34
3.38	7.83	12.28	16.73	21.18	25.63	30.08	34.53	38.98	43.43
3.47	7.92	12.37	16.82	21.27	25.72	30.17	34.62	39.07	43.52
3.56	8.01	12.46	16.91	21.36	25.81	30.26	34.71	39.16	43.61
3.65	8.10	12.55	17.00	21.45	25.90	30.35	34.80	39.25	43.70
3.74	8.19	12.64	17.09	21.54	25.99	30.44	34.89	39.34	43.79
3.83	8.28	12.73	17.18	21.63	26.08	30.53	34.98	39.43	43.88
3.92	8.37	12.82	17.27	21.72	26.17	30.62	35.07	39.52	43.97
4.01	8.46	12.91	17.36	21.81	26.26	30.71	35.16	39.61	44.06
4.09	8.54	12.99	17.44	21.89	26.34	30.79	35.24	39.69	44.14
4.18	8.63	13.08	17.53	21.98	26.43	30.88	35.33	39.78	44.23
4.27	8.72	13.17	17.62	22.07	26.52	30.97	35.42	39.87	44.32
4.36	8.81	13.26	17.71	22.16	26.61	31.06	35.51	39.96	44.41

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
44.50	89.00	133.50	178.00	10	222.50	267.00	311.50	356.00	400.50
445.00	489.50	534.00	578.50	623.00	667.50	712.00	756.50	801.00	845.50
500.00	934.50	979.00	1023.50	1068.00	1112.50	1157.00	1201.50	1246.00	1290.50



\$4.47½ Per 100

\$44.75 Per M.

159

2 to 98	100	200	300	400 feet	500	600	700	800	900
.09	4.48	8.95	13.43	17.90	22.38	26.85	31.33	35.80	40.28
.18	4.56	9.04	13.51	17.99	22.46	26.94	31.41	35.89	40.36
.27	4.65	9.13	13.60	18.08	22.55	27.03	31.50	35.98	40.45
.36	4.74	9.22	13.69	18.17	22.64	27.12	31.59	36.07	40.54
.45	4.83	9.31	13.78	18.26	22.73	27.21	31.68	36.16	40.63
.54	4.92	9.40	13.87	18.35	22.82	27.30	31.77	36.25	40.72
.63	5.01	9.49	13.96	18.44	22.91	27.39	31.86	36.34	40.81
.72	5.10	9.58	14.05	18.53	23.00	27.48	31.95	36.43	40.90
.81	5.19	9.67	14.14	18.62	23.09	27.57	32.04	36.52	40.99
.90	5.28	9.76	14.23	18.71	23.18	27.66	32.13	36.61	41.08
.98	5.37	9.85	14.32	18.80	23.27	27.75	32.22	36.70	41.17
1.07	5.46	9.93	14.41	18.88	23.36	27.83	32.31	36.78	41.26
1.16	5.55	10.02	14.50	18.97	23.45	27.92	32.40	36.87	41.35
1.25	5.64	10.11	14.59	19.06	23.54	28.01	32.49	36.96	41.44
1.34	5.73	10.20	14.68	19.15	23.63	28.10	32.58	37.05	41.53
1.43	5.82	10.29	14.77	19.24	23.72	28.19	32.67	37.14	41.62
1.52	5.91	10.38	14.86	19.33	23.81	28.28	32.76	37.23	41.71
1.61	6.00	10.47	14.95	19.42	23.90	28.37	32.85	37.32	41.80
1.70	6.09	10.56	15.04	19.51	23.99	28.46	32.94	37.41	41.89
1.79	6.18	10.65	15.13	19.60	24.08	28.55	33.03	37.50	41.98
1.88	6.27	10.74	15.22	19.69	24.17	28.64	33.12	37.59	42.07
1.97	6.35	10.83	15.30	19.78	24.25	28.73	33.20	37.68	42.15
2.06	6.44	10.92	15.39	19.87	24.34	28.82	33.29	37.77	42.24
2.15	6.53	11.01	15.48	19.96	24.43	28.91	33.38	37.86	42.33
2.24	6.62	11.10	15.57	20.05	24.52	29.00	33.47	37.95	42.42
2.33	6.71	11.19	15.66	20.14	24.61	29.09	33.56	38.04	42.51

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.33	6.80	11.28	15.75	20.23	24.70	29.18	33.65	38.13	42.60
2.42	6.89	11.37	15.84	20.32	24.79	29.27	33.74	38.22	42.69
2.51	6.98	11.46	15.93	20.41	24.88	29.36	33.83	38.31	42.78
2.60	7.07	11.55	16.02	20.50	24.97	29.45	33.92	38.40	42.87
2.69	7.16	11.64	16.11	20.59	25.06	29.54	34.01	38.49	42.96
2.77	7.25	11.72	16.20	20.67	25.15	29.62	34.10	38.57	43.05
2.86	7.34	11.81	16.29	20.76	25.24	29.71	34.19	38.66	43.14
2.95	7.43	11.90	16.38	20.85	25.33	29.80	34.28	38.75	43.23
3.04	7.52	11.99	16.47	20.94	25.42	29.89	34.37	38.84	43.32
3.13	7.61	12.08	16.56	21.03	25.51	29.98	34.46	38.93	43.41
3.22	7.70	12.17	16.65	21.12	25.60	30.07	34.55	39.02	43.50
3.31	7.79	12.26	16.74	21.21	25.69	30.16	34.64	39.11	43.59
3.40	7.88	12.35	16.83	21.30	25.78	30.25	34.73	39.20	43.68
3.49	7.97	12.44	16.92	21.39	25.87	30.34	34.82	39.29	43.77
3.58	8.06	12.53	17.01	21.48	25.96	30.43	34.91	39.38	43.86
3.67	8.14	12.62	17.09	21.57	26.04	30.52	34.99	39.47	43.94
3.76	8.23	12.71	17.18	21.66	26.13	30.61	35.08	39.56	44.03
3.85	8.32	12.80	17.27	21.75	26.22	30.70	35.17	39.65	44.12
3.94	8.41	12.89	17.36	21.84	26.31	30.79	35.26	39.74	44.21
4.03	8.50	12.98	17.45	21.93	26.40	30.88	35.35	39.83	44.30
4.12	8.59	13.07	17.54	22.02	26.49	30.97	35.44	39.92	44.39
4.21	8.68	13.16	17.63	22.11	26.58	31.06	35.53	40.01	44.48
4.30	8.77	13.25	17.72	22.20	26.67	31.15	35.62	40.10	44.57
4.39	8.86	13.34	17.81	22.29	26.76	31.24	35.71	40.19	44.66

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
44.75	89.50	134.25	179.00	223.75	268.50	313.25	358.00	402.75	
447.50	492.25	537.00	581.75	626.50	671.25	716.00	760.75	805.50	850.25
895.00	939.75	984.50	1029.25	1074.00	1118.75	1163.50	1208.25	1253.00	1297.75

\$54

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2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.50	9.00	13.50	18.00		22.50	27.00	31.50	36.00	40.50
.09	4.59	9.09	13.59	18.09	2	22.59	27.09	31.59	36.09	40.59
.18	4.68	9.18	13.68	18.18	4	22.68	27.18	31.68	36.18	40.68
.27	4.77	9.27	13.77	18.27	6	22.77	27.27	31.77	36.27	40.77
.36	4.86	9.36	13.86	18.36	8	22.86	27.36	31.86	36.36	40.86
.45	4.95	9.45	13.95	18.45	10	22.95	27.45	31.95	36.45	40.95
.54	5.04	9.54	14.04	18.54	12	23.04	27.54	32.04	36.54	41.04
.63	5.13	9.63	14.13	18.63	14	23.13	27.63	32.13	36.63	41.13
.72	5.22	9.72	14.22	18.72	16	23.22	27.72	32.22	36.72	41.22
.81	5.31	9.81	14.31	18.81	18	23.31	27.81	32.31	36.81	41.31
.90	5.40	9.90	14.40	18.90	20	23.40	27.90	32.40	36.90	41.40
.99	5.49	9.99	14.49	18.99	22	23.49	27.99	32.49	36.99	41.49
1.08	5.58	10.08	14.58	19.08	24	23.58	28.08	32.58	37.08	41.58
1.17	5.67	10.17	14.67	19.17	26	23.67	28.17	32.67	37.17	41.67
1.26	5.76	10.26	14.76	19.26	28	23.76	28.26	32.76	37.26	41.76
1.35	5.85	10.35	14.85	19.35	30	23.85	28.35	32.85	37.35	41.85
1.44	5.94	10.44	14.94	19.44	32	23.94	28.44	32.94	37.44	41.94
1.53	6.03	10.53	15.03	19.53	34	24.03	28.53	33.03	37.53	42.03
1.62	6.12	10.62	15.12	19.62	36	24.12	28.62	33.12	37.62	42.12
1.71	6.21	10.71	15.21	19.71	38	24.21	28.71	33.21	37.71	42.21
1.80	6.30	10.80	15.30	19.80	40	24.30	28.80	33.30	37.80	42.30
1.89	6.39	10.89	15.39	19.89	42	24.39	28.89	33.39	37.89	42.39
1.98	6.48	10.98	15.48	19.98	44	24.48	28.98	33.48	37.98	42.48
2.07	6.57	11.07	15.57	20.07	46	24.57	29.07	33.57	38.07	42.57
2.16	6.66	11.16	15.66	20.16	48	24.66	29.16	33.66	38.16	42.66
2.25	6.75	11.25	15.75	20.25	50	24.75	29.25	33.75	38.25	42.75

2 to 9's	100	200	300	400	feet	500	600	700	800	900
2.34	6.84	11.34	15.84	20.34	52	24.84	29.34	33.84	38.34	42.84
2.43	6.93	11.43	15.93	20.43	54	24.93	29.43	33.93	38.43	42.93
2.52	7.02	11.52	16.02	20.52	56	25.02	29.52	34.02	38.52	43.02
2.61	7.11	11.61	16.11	20.61	58	25.11	29.61	34.11	38.61	43.11
2.70	7.20	11.70	16.20	20.70	60	25.20	29.70	34.20	38.70	43.20
2.79	7.29	11.79	16.29	20.79	62	25.29	29.79	34.29	38.79	43.29
2.88	7.38	11.88	16.38	20.88	64	25.38	29.88	34.38	38.88	43.38
2.97	7.47	11.97	16.47	20.97	66	25.47	29.97	34.47	38.97	43.47
3.06	7.56	12.06	16.56	21.06	68	25.56	30.06	34.56	39.06	43.56
3.15	7.65	12.15	16.65	21.15	70	25.65	30.15	34.65	39.15	43.65
3.24	7.74	12.24	16.74	21.24	72	25.74	30.24	34.74	39.24	43.74
3.33	7.83	12.33	16.83	21.33	74	25.83	30.33	34.83	39.33	43.83
3.42	7.92	12.42	16.92	21.42	76	25.92	30.42	34.92	39.42	43.92
3.51	8.01	12.51	17.01	21.51	78	26.01	30.51	35.01	39.51	44.01
3.60	8.10	12.60	17.10	21.60	80	26.10	30.60	35.10	39.60	44.10
3.69	8.19	12.69	17.19	21.69	82	26.19	30.69	35.19	39.69	44.19
3.78	8.28	12.78	17.28	21.78	84	26.28	30.78	35.28	39.78	44.28
3.87	8.37	12.87	17.37	21.87	86	26.37	30.87	35.37	39.87	44.37
3.96	8.46	12.96	17.46	21.96	88	26.46	30.96	35.46	39.96	44.46
4.05	8.55	13.05	17.55	22.05	90	26.55	31.05	35.55	40.05	44.55
4.14	8.64	13.14	17.64	22.14	92	26.64	31.14	35.64	40.14	44.64
4.23	8.73	13.23	17.73	22.23	94	26.73	31.23	35.73	40.23	44.73
4.32	8.82	13.32	17.82	22.32	96	26.82	31.32	35.82	40.32	44.82
4.41	8.91	13.41	17.91	22.41	98	26.91	31.41	35.91	40.41	44.91

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
45.00	90.00	135.00	180.00		225.00	270.00	315.00	360.00	405.00
450.00	495.00	540.00	585.00	630.00	675.00	720.00	765.00	810.00	855.00
900.00	945.00	990.00	1035.00	1080.00	1125.00	1170.00	1215.00	1260.00	1305.00



2 to 98	100	200	300	400	feet	500	600	700	800	900
.09	4.53	9.05	13.58	18.10	2	22.63	27.15	31.68	36.20	40.73
.18	4.62	9.14	13.67	18.19	4	22.72	27.24	31.77	36.29	40.82
.27	4.71	9.23	13.76	18.28	6	22.81	27.33	31.86	36.38	40.91
.36	4.80	9.32	13.85	18.37	8	22.90	27.42	31.95	36.47	41.00
.45	4.89	9.41	13.94	18.46	10	22.99	27.51	32.04	36.56	41.09
.54	4.98	9.50	14.03	18.55	12	23.08	27.60	32.13	36.65	41.18
.63	5.07	9.59	14.12	18.64	14	23.17	27.69	32.22	36.74	41.27
.72	5.16	9.68	14.21	18.73	16	23.26	27.78	32.31	36.83	41.36
.81	5.25	9.77	14.30	18.82	18	23.35	27.87	32.40	36.92	41.45
.91	5.34	9.86	14.39	18.91	20	23.44	27.96	32.49	37.01	41.54
1.00	5.43	9.96	14.48	19.01	22	23.53	28.06	32.58	37.11	41.63
1.09	5.52	10.05	14.57	19.10	24	23.62	28.15	32.67	37.20	41.72
1.18	5.61	10.14	14.66	19.19	26	23.71	28.24	32.76	37.29	41.81
1.27	5.70	10.23	14.75	19.28	28	23.80	28.33	32.85	37.38	41.90
1.36	5.79	10.32	14.84	19.37	30	23.89	28.42	32.94	37.47	41.99
1.45	5.88	10.41	14.93	19.46	32	23.98	28.51	33.03	37.56	42.08
1.54	5.97	10.50	15.02	19.55	34	24.07	28.60	33.12	37.65	42.17
1.63	6.06	10.59	15.11	19.64	36	24.16	28.69	33.21	37.74	42.26
1.72	6.15	10.68	15.20	19.73	38	24.25	28.78	33.30	37.83	42.35
1.81	6.24	10.77	15.29	19.82	40	24.34	28.87	33.39	37.92	42.44
1.90	6.34	10.86	15.39	19.91	42	24.44	28.96	33.49	38.01	42.54
1.99	6.43	10.95	15.48	20.00	44	24.53	29.05	33.58	38.10	42.63
2.08	6.52	11.04	15.57	20.09	46	24.62	29.14	33.67	38.19	42.72
2.17	6.61	11.13	15.66	20.18	48	24.71	29.23	33.76	38.28	42.81
2.26	6.70	11.22	15.75	20.27	50	24.80	29.32	33.85	38.37	42.90
2.35	6.79	11.31	15.84	20.36	52	24.89	29.41	33.94	38.46	42.99

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.35	6.88	11.40	15.93	20.45	54	24.98	29.50	34.03	38.55	43.08
2.44	6.97	11.49	16.02	20.54	56	25.07	29.59	34.12	38.64	43.17
2.53	7.06	11.58	16.11	20.63	58	25.16	29.68	34.21	38.73	43.26
2.62	7.15	11.67	16.20	20.72	60	25.25	29.77	34.30	38.82	43.35
2.72	7.24	11.77	16.29	20.82	62	25.34	29.87	34.39	38.92	43.44
2.81	7.33	11.86	16.38	20.91	64	25.43	29.96	34.48	39.01	43.53
2.90	7.42	11.95	16.47	21.00	66	25.52	30.05	34.57	39.10	43.62
2.99	7.51	12.04	16.56	21.09	68	25.61	30.14	34.66	39.19	43.71
3.08	7.60	12.13	16.65	21.18	70	25.70	30.23	34.75	39.28	43.80
3.17	7.69	12.22	16.74	21.27	72	25.79	30.32	34.84	39.37	43.89
3.26	7.78	12.31	16.83	21.36	74	25.88	30.41	34.93	39.46	43.98
3.35	7.87	12.40	16.92	21.45	76	25.97	30.50	35.02	39.55	44.07
3.44	7.96	12.49	17.01	21.54	78	26.06	30.59	35.11	39.64	44.16
3.53	8.05	12.58	17.10	21.63	80	26.15	30.68	35.20	39.73	44.25
3.62	8.15	12.67	17.20	21.72	82	26.25	30.77	35.30	39.82	44.35
3.71	8.24	12.76	17.29	21.81	84	26.34	30.86	35.39	39.91	44.44
3.80	8.33	12.85	17.38	21.90	86	26.43	30.95	35.48	40.00	44.53
3.89	8.42	12.94	17.47	21.99	88	26.52	31.04	35.57	40.09	44.62
3.98	8.51	13.03	17.56	22.08	90	26.61	31.13	35.66	40.18	44.71
4.07	8.60	13.12	17.65	22.17	92	26.70	31.22	35.75	40.27	44.80
4.16	8.69	13.21	17.74	22.26	94	26.79	31.31	35.84	40.36	44.89
4.25	8.78	13.30	17.83	22.35	96	26.88	31.40	35.93	40.45	44.98
4.34	8.87	13.39	17.92	22.44	98	26.97	31.49	36.02	40.54	45.07
4.43	8.96	13.48	18.01	22.53	100	27.06	31.58	36.11	40.63	45.16

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
45.25	90.50	135.75	181.00	10	226.25	271.50	316.75	362.00	407.25
45.50	497.75	543.00	588.25	11	678.75	724.00	769.25	814.50	859.75
45.75	950.00	995.25	1040.50	12	1181.25	1176.50	1221.75	1267.00	1312.25

\$54

\$45

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.55	9.10	13.65	18.20		22.75	27.30	31.85	36.40	40.95
.09	4.64	9.19	13.74	18.29	2	22.84	27.39	31.94	36.49	41.04
.18	4.73	9.28	13.83	18.38	4	22.93	27.48	32.03	36.58	41.13
.27	4.82	9.37	13.92	18.47	6	23.02	27.57	32.12	36.67	41.22
.36	4.91	9.46	14.01	18.56	8	23.11	27.66	32.21	36.76	41.31
.46	5.01	9.56	14.11	18.66	10	23.21	27.76	32.31	36.86	41.41
.55	5.10	9.65	14.20	18.75	12	23.30	27.85	32.40	36.95	41.50
.64	5.19	9.74	14.29	18.84	14	23.39	27.94	32.49	37.04	41.59
.73	5.28	9.83	14.38	18.93	16	23.48	28.03	32.58	37.13	41.68
.82	5.37	9.92	14.47	19.02	18	23.57	28.12	32.67	37.22	41.77
.91	5.46	10.01	14.56	19.11	20	23.66	28.21	32.76	37.31	41.86
1.00	5.55	10.10	14.65	19.20	22	23.75	28.30	32.85	37.40	41.95
1.09	5.64	10.19	14.74	19.29	24	23.84	28.39	32.94	37.49	42.04
1.18	5.73	10.28	14.83	19.38	26	23.93	28.48	33.03	37.58	42.13
1.27	5.82	10.37	14.92	19.47	28	24.02	28.57	33.12	37.67	42.22
1.37	5.92	10.47	15.02	19.57	30	24.12	28.67	33.22	37.77	42.32
1.46	6.01	10.56	15.11	19.66	32	24.21	28.76	33.31	37.86	42.42
1.55	6.10	10.65	15.20	19.75	34	24.30	28.85	33.40	37.95	42.50
1.64	6.19	10.74	15.29	19.84	36	24.39	28.94	33.49	38.04	42.59
1.73	6.28	10.83	15.38	19.93	38	24.48	29.03	33.58	38.13	42.68
1.82	6.37	10.92	15.47	20.02	40	24.57	29.12	33.67	38.22	42.77
1.91	6.46	11.01	15.56	20.11	42	24.66	29.21	33.76	38.31	42.86
2.00	6.55	11.10	15.65	20.20	44	24.75	29.30	33.85	38.40	42.95
2.09	6.64	11.19	15.74	20.29	46	24.84	29.39	33.94	38.49	43.04
2.18	6.73	11.28	15.83	20.38	48	24.93	29.48	34.03	38.58	43.13
2.28	6.83	11.38	15.93	20.48	50	25.03	29.58	34.13	38.68	43.23

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.37	6.92	11.47	16.02	20.57	52	25.12	29.67	34.22	38.77	43.32
2.46	7.01	11.56	16.11	20.66	54	25.21	29.76	34.31	38.86	43.41
2.55	7.10	11.65	16.20	20.75	56	25.30	29.85	34.40	38.95	43.50
2.64	7.19	11.74	16.29	20.84	58	25.39	29.94	34.49	39.04	43.59
2.73	7.28	11.83	16.38	20.93	60	25.48	30.03	34.58	39.13	43.68
2.82	7.37	11.92	16.47	21.02	62	25.57	30.12	34.67	39.22	43.77
2.91	7.46	12.01	16.56	21.11	64	25.66	30.21	34.76	39.31	43.86
3.00	7.55	12.10	16.65	21.20	66	25.75	30.30	34.85	39.40	43.95
3.09	7.64	12.19	16.74	21.29	68	25.84	30.39	34.94	39.49	44.04
3.19	7.74	12.29	16.84	21.39	70	25.94	30.49	35.04	39.59	44.14
3.28	7.83	12.38	16.93	21.48	72	26.03	30.58	35.13	39.68	44.23
3.37	7.92	12.47	17.02	21.57	74	26.12	30.67	35.22	39.77	44.32
3.46	8.01	12.56	17.11	21.66	76	26.21	30.76	35.31	39.86	44.41
3.55	8.10	12.65	17.20	21.75	78	26.30	30.85	35.40	39.95	44.50
3.64	8.19	12.74	17.29	21.84	80	26.39	30.94	35.49	40.04	44.59
3.73	8.28	12.83	17.38	21.93	82	26.48	31.03	35.58	40.13	44.68
3.82	8.37	12.92	17.47	22.02	84	26.57	31.12	35.67	40.22	44.77
3.91	8.46	13.01	17.56	22.11	86	26.66	31.21	35.76	40.31	44.86
4.00	8.55	13.10	17.65	22.20	88	26.75	31.30	35.85	40.40	44.95
4.10	8.65	13.20	17.75	22.30	90	26.85	31.40	35.95	40.50	45.05
4.19	8.74	13.29	17.84	22.39	92	26.94	31.49	36.04	40.59	45.14
4.28	8.83	13.38	17.93	22.48	94	27.03	31.58	36.13	40.68	45.23
4.37	8.92	13.47	18.02	22.57	96	27.12	31.67	36.22	40.77	45.32
4.46	9.01	13.56	18.11	22.66	98	27.21	31.76	36.31	40.86	45.41

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
455.00	91.00	136.50	182.00		227.50	273.00	318.50	364.00	409.50
500.00	548.00	591.50	637.00	10	682.50	728.00	773.50	819.00	864.50
910.00	955.50	1001.00	1046.50	20	1137.50	1183.00	1228.50	1274.00	1319.50



\$4.57½ Per 100

\$45.75 Per M.

163

ft to 98	100	200	300	400 feet	500	600	700	800	900
	4.58	9.15	13.73	18.30	22.88	27.45	32.03	36.60	41.18
.09	4.67	9.24	13.82	18.39	22.97	27.54	32.12	36.69	41.27
.18	4.76	9.33	13.91	18.48	23.06	27.63	32.21	36.78	41.36
.27	4.85	9.42	14.00	18.57	23.15	27.72	32.30	36.87	41.45
.37	4.94	9.52	14.09	18.67	23.24	27.82	32.39	36.97	41.54
.46	5.03	9.61	14.18	18.76	23.33	27.91	32.48	37.06	41.63
.55	5.12	9.70	14.27	18.85	23.42	28.00	32.57	37.15	41.72
.64	5.22	9.79	14.37	18.94	23.52	28.09	32.67	37.24	41.82
.73	5.31	9.88	14.46	19.03	23.61	28.18	32.76	37.33	41.91
.82	5.40	9.97	14.55	19.12	23.70	28.27	32.85	37.42	42.00
.92	5.49	10.07	14.64	19.22	23.79	28.37	32.94	37.52	42.09
1.01	5.58	10.16	14.73	19.31	23.88	28.46	33.03	37.61	42.18
1.10	5.67	10.25	14.82	19.40	23.97	28.55	33.12	37.70	42.27
1.19	5.76	10.34	14.91	19.49	24.06	28.64	33.21	37.79	42.36
1.28	5.86	10.43	15.01	19.58	24.16	28.73	33.31	37.88	42.46
1.37	5.95	10.52	15.10	19.67	24.25	28.82	33.40	37.97	42.55
1.46	6.04	10.61	15.19	19.76	24.34	28.91	33.49	38.06	42.64
1.56	6.13	10.71	15.28	19.86	24.43	29.01	33.58	38.16	42.73
1.65	6.22	10.80	15.37	19.95	24.52	29.10	33.67	38.25	42.82
1.74	6.31	10.89	15.46	20.04	24.61	29.19	33.76	38.34	42.91
1.83	6.41	10.98	15.56	20.13	24.71	29.28	33.86	38.43	43.01
1.92	6.50	11.07	15.65	20.22	24.80	29.37	33.95	38.52	43.10
2.01	6.59	11.16	15.74	20.31	24.89	29.46	34.04	38.61	43.19
2.10	6.68	11.25	15.83	20.40	24.98	29.55	34.13	38.70	43.28
2.20	6.77	11.35	15.92	20.50	25.07	29.65	34.22	38.80	43.37
2.29	6.86	11.44	16.01	20.59	25.16	29.74	34.31	38.89	43.46

2 to 98	100	200	300	400 feet	500	600	700	800	900	
2.38	6.95	11.53	16.10	20.68	52	25.25	29.83	34.40	38.98	43.55
2.47	7.05	11.62	16.20	20.77	54	25.35	29.92	34.50	39.07	43.65
2.56	7.14	11.71	16.29	20.86	56	25.44	30.01	34.59	39.16	43.74
2.65	7.23	11.80	16.38	20.95	58	25.53	30.10	34.68	39.25	43.83
2.75	7.32	11.90	16.47	21.05	60	25.62	30.20	34.77	39.35	43.92
2.84	7.41	11.99	16.56	21.14	62	25.71	30.29	34.86	39.44	44.01
2.93	7.50	12.08	16.65	21.23	64	25.80	30.38	34.95	39.53	44.10
3.02	7.59	12.17	16.74	21.32	66	25.89	30.47	35.04	39.62	44.19
3.11	7.69	12.26	16.84	21.41	68	25.99	30.56	35.14	39.71	44.29
3.20	7.78	12.35	16.93	21.50	70	26.08	30.65	35.23	39.80	44.38
3.29	7.87	12.44	17.02	21.59	72	26.17	30.74	35.32	39.89	44.47
3.39	7.96	12.54	17.11	21.69	74	26.26	30.84	35.41	39.99	44.56
3.48	8.05	12.63	17.20	21.78	76	26.35	30.93	35.50	40.08	44.65
3.57	8.14	12.72	17.29	21.87	78	26.44	31.02	35.59	40.17	44.74
3.66	8.24	12.81	17.39	21.96	80	26.54	31.11	35.69	40.26	44.84
3.75	8.33	12.90	17.48	22.05	82	26.63	31.20	35.78	40.35	44.93
3.84	8.42	12.99	17.57	22.14	84	26.72	31.29	35.87	40.44	45.02
3.93	8.51	13.08	17.66	22.23	86	26.81	31.38	35.96	40.53	45.11
4.03	8.60	13.18	17.75	22.33	88	26.90	31.48	36.05	40.63	45.20
4.12	8.69	13.27	17.84	22.42	90	26.99	31.57	36.14	40.72	45.29
4.21	8.78	13.36	17.93	22.51	92	27.08	31.66	36.23	40.81	45.38
4.30	8.88	13.45	18.03	22.60	94	27.18	31.75	36.33	40.90	45.48
4.39	8.97	13.54	18.12	22.69	96	27.27	31.84	36.42	40.99	45.57
4.48	9.06	13.63	18.21	22.78	98	27.36	31.93	36.51	41.08	45.66

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
45.75	91.50	137.25	183.00		228.75	274.50	320.25	366.00	411.75
457.50	503.25	549.00	594.75	640.50	10	686.25	732.00	777.75	823.50
915.00	960.75	1006.50	1052.25	1098.00	20	1143.75	1189.50	1235.25	1281.00
									1326.75

\$54

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400 feet	500	600	700	800	900
	4.60	9.20	13.80	18.40	23.00	27.60	32.20	36.80	41.40
1.09	4.69	9.29	13.89	18.49	23.09	27.69	32.29	36.89	41.49
1.18	4.78	9.38	13.98	18.58	23.18	27.78	32.38	36.98	41.58
1.28	4.88	9.48	14.08	18.68	23.28	27.88	32.48	37.08	41.68
1.37	4.97	9.57	14.17	18.77	23.37	27.97	32.57	37.17	41.77
1.46	5.06	9.66	14.26	18.86	23.46	28.06	32.66	37.26	41.86
1.55	5.15	9.75	14.35	18.95	23.55	28.15	32.75	37.35	41.95
1.64	5.24	9.84	14.44	19.04	23.64	28.24	32.84	37.44	42.04
1.74	5.34	9.94	14.54	19.14	23.74	28.34	32.94	37.54	42.14
1.83	5.43	10.03	14.63	19.23	23.83	28.43	33.03	37.63	42.23
1.92	5.52	10.12	14.72	19.32	23.92	28.52	33.12	37.72	42.32
2.01	5.61	10.21	14.81	19.41	24.01	28.61	33.21	37.81	42.41
2.10	5.70	10.30	14.90	19.50	24.10	28.70	33.30	37.90	42.50
2.20	5.80	10.40	15.00	19.60	24.20	28.80	33.40	38.00	42.60
2.29	5.89	10.49	15.09	19.69	24.29	28.89	33.49	38.09	42.69
2.38	5.98	10.58	15.18	19.78	24.38	28.98	33.58	38.18	42.78
2.47	6.07	10.67	15.27	19.87	24.47	29.07	33.67	38.27	42.87
2.56	6.16	10.76	15.36	19.96	24.56	29.16	33.76	38.36	42.96
2.66	6.26	10.86	15.46	20.06	24.66	29.26	33.86	38.46	43.06
2.75	6.35	10.95	15.55	20.15	24.75	29.35	33.95	38.55	43.15
2.84	6.44	11.04	15.64	20.24	24.84	29.44	34.04	38.64	43.24
2.93	6.53	11.13	15.73	20.33	24.93	29.53	34.13	38.73	43.33
3.02	6.62	11.22	15.82	20.42	25.02	29.62	34.22	38.82	43.42
3.12	6.72	11.32	15.92	20.52	25.12	29.72	34.32	38.92	43.52
3.21	6.81	11.41	16.01	20.61	25.21	29.81	34.41	39.01	43.61
3.30	6.90	11.50	16.10	20.70	25.30	29.90	34.50	39.10	43.70

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.39	6.99	11.59	16.19	20.79	25.39	29.99	34.59	39.19	43.79
2.48	7.08	11.68	16.28	20.88	25.48	30.08	34.68	39.28	43.88
2.58	7.18	11.78	16.38	20.98	25.58	30.18	34.78	39.38	43.98
2.67	7.27	11.87	16.47	21.07	25.67	30.27	34.87	39.47	44.07
2.76	7.36	11.96	16.56	21.16	25.76	30.36	34.96	39.56	44.16
2.85	7.45	12.05	16.65	21.25	25.85	30.45	35.05	39.65	44.25
2.94	7.54	12.14	16.74	21.34	25.94	30.54	35.14	39.74	44.34
3.04	7.64	12.24	16.84	21.44	26.04	30.64	35.24	39.84	44.44
3.13	7.73	12.33	16.93	21.53	26.13	30.73	35.33	39.93	44.53
3.22	7.82	12.42	17.02	21.62	26.22	30.82	35.42	40.02	44.62
3.31	7.91	12.51	17.11	21.71	26.31	30.91	35.51	40.11	44.71
3.40	8.00	12.60	17.20	21.80	26.40	31.00	35.60	40.20	44.80
3.50	8.10	12.70	17.30	21.90	26.50	31.10	35.70	40.30	44.90
3.59	8.19	12.79	17.39	21.99	26.59	31.19	35.79	40.39	44.99
3.68	8.28	12.88	17.48	22.08	26.68	31.28	35.88	40.48	45.08
3.77	8.37	12.97	17.57	22.17	26.77	31.37	35.97	40.57	45.17
3.86	8.46	13.06	17.66	22.26	26.86	31.46	36.06	40.66	45.26
3.96	8.56	13.16	17.76	22.36	26.96	31.56	36.16	40.76	45.36
4.05	8.65	13.25	17.85	22.45	27.05	31.65	36.25	40.85	45.45
4.14	8.74	13.34	17.94	22.54	27.14	31.74	36.34	40.94	45.54
4.23	8.83	13.43	18.03	22.63	27.23	31.83	36.43	41.03	45.63
4.32	8.92	13.52	18.12	22.72	27.32	31.92	36.52	41.12	45.72
4.42	9.02	13.62	18.22	22.82	27.42	32.02	36.62	41.22	45.82
4.51	9.11	13.71	18.31	22.91	27.51	32.11	36.71	41.31	45.91

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
46.00	92.00	138.00	184.00	10	230.00	276.00	322.00	368.00	414.00
460.00	506.00	552.00	598.00	644.00	110	690.00	736.00	782.00	828.00
920.00	966.00	1012.00	1058.00	1104.00	220	1150.00	1196.00	1242.00	1288.00



2 to 98	100	200	300	400	feet	500	600	700	800	900
.09	4.63	9.25	13.88	18.50	2	23.13	27.75	32.38	37.00	41.63
.19	4.72	9.34	13.97	18.59	4	23.22	27.84	32.47	37.09	41.72
.28	4.81	9.44	14.06	18.69	6	23.31	27.94	32.56	37.19	41.81
.37	4.90	9.53	14.15	18.78	8	23.40	28.03	32.65	37.28	41.90
.46	5.00	9.62	14.25	18.87	10	23.50	28.12	32.75	37.37	42.00
.56	5.09	9.71	14.34	18.96	12	23.59	28.21	32.84	37.46	42.09
.65	5.18	9.81	14.43	19.06	14	23.68	28.31	32.93	37.56	42.18
.74	5.27	9.90	14.52	19.15	16	23.77	28.40	33.02	37.65	42.27
.83	5.37	9.99	14.62	19.24	18	23.87	28.49	33.12	37.74	42.37
.93	5.46	10.08	14.71	19.33	20	23.96	28.58	33.21	37.83	42.46
1.02	5.55	10.18	14.80	19.43	22	24.05	28.68	33.30	37.93	42.55
1.11	5.64	10.27	14.89	19.52	24	24.14	28.77	33.39	38.02	42.64
1.20	5.74	10.36	14.99	19.61	26	24.24	28.86	33.49	38.11	42.74
1.30	5.83	10.45	15.08	19.70	28	24.33	28.95	33.58	38.20	42.83
1.39	5.92	10.55	15.17	19.80	30	24.42	29.05	33.67	38.30	42.92
1.48	6.01	10.64	15.26	19.89	32	24.51	29.14	33.76	38.39	43.01
1.57	6.11	10.73	15.36	19.98	34	24.61	29.23	33.86	38.48	43.11
1.67	6.20	10.82	15.45	20.07	36	24.70	29.32	33.95	38.57	43.20
1.76	6.29	10.92	15.54	20.17	38	24.79	29.42	34.04	38.67	43.29
1.85	6.38	11.01	15.63	20.26	40	24.88	29.51	34.13	38.76	43.38
1.94	6.48	11.10	15.73	20.35	42	24.98	29.60	34.23	38.85	43.4
2.04	6.57	11.19	15.82	20.44	44	25.07	29.69	34.32	38.94	43.57
2.13	6.66	11.29	15.91	20.54	46	25.16	29.79	34.41	39.04	43.66
2.22	6.75	11.38	16.00	20.63	48	25.25	29.88	34.50	39.13	43.75
2.31	6.85	11.47	16.10	20.72	50	25.35	29.97	34.60	39.22	43.85
2.41	6.94	11.56	16.19	20.81	52	25.44	30.06	34.69	39.31	43.94

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.41	7.03	11.66	16.28	20.91	52	25.53	30.16	34.78	39.41	44.03
2.50	7.12	11.75	16.37	21.00	54	25.62	30.25	34.87	39.50	44.12
2.59	7.22	11.84	16.47	21.09	56	25.72	30.34	34.97	39.59	44.22
2.68	7.31	11.93	16.56	21.18	58	25.81	30.43	35.06	39.68	44.31
2.78	7.40	12.03	16.65	21.28	60	25.90	30.53	35.15	39.78	44.40
2.87	7.49	12.12	16.74	21.37	62	25.99	30.62	35.24	39.87	44.49
2.96	7.59	12.21	16.84	21.46	64	26.09	30.71	35.34	39.96	44.59
3.05	7.68	12.30	16.93	21.55	66	26.18	30.80	35.43	40.05	44.68
3.15	7.77	12.40	17.02	21.65	68	26.27	30.90	35.52	40.15	44.77
3.24	7.86	12.49	17.11	21.74	70	26.36	30.99	35.61	40.24	44.86
3.33	7.96	12.58	17.21	21.83	72	26.46	31.08	35.71	40.33	44.96
3.42	8.05	12.67	17.30	21.92	74	26.55	31.17	35.80	40.42	45.05
3.52	8.14	12.77	17.39	22.02	76	26.64	31.27	35.89	40.52	45.14
3.61	8.23	12.86	17.48	22.11	78	26.73	31.36	35.98	40.61	45.23
3.70	8.33	12.95	17.58	22.20	80	26.83	31.45	36.08	40.70	45.33
3.79	8.42	13.04	17.67	22.29	82	26.92	31.54	36.17	40.79	45.42
3.89	8.51	13.14	17.76	22.39	84	27.01	31.64	36.26	40.89	45.51
3.98	8.60	13.23	17.85	22.48	86	27.10	31.73	36.35	40.98	45.60
4.07	8.70	13.32	17.95	22.57	88	27.20	31.82	36.45	41.07	45.70
4.16	8.79	13.41	18.04	22.66	90	27.29	31.91	36.54	41.16	45.79
4.26	8.88	13.51	18.13	22.76	92	27.38	32.01	36.63	41.26	45.88
4.35	8.97	13.60	18.22	22.85	94	27.47	32.10	36.72	41.35	45.97
4.44	9.07	13.69	18.32	22.94	96	27.57	32.19	36.82	41.44	46.07
4.53	9.16	13.78	18.41	23.03	98	27.66	32.28	36.91	41.53	46.16

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
402.50	408.25	414.00	419.75	425.50	231.25	277.50	323.75	370.00	416.25
508.75	514.50	520.25	526.00	531.75	483.75	530.00	576.25	622.50	668.75
615.00	620.75	626.50	632.25	638.00	736.25	782.50	828.75	875.00	921.25

\$54

\$46

\$47

\$48

\$49

\$50

\$51

\$52

\$53

210 98	100	200	300	400	feet	500	600	700	800	900
	4.65	9.30	13.95	18.60		23.25	27.90	32.55	37.20	41.85
.09	4.74	9.39	14.04	18.69	2	23.34	27.99	32.64	37.29	41.94
.19	4.84	9.49	14.14	18.79	4	23.44	28.09	32.74	37.39	42.04
.28	4.93	9.58	14.23	18.88	6	23.53	28.18	32.83	37.48	42.13
.37	5.02	9.67	14.32	18.97	8	23.62	28.27	32.92	37.57	42.22
.47	5.12	9.77	14.42	19.07	10	23.72	28.37	33.02	37.67	42.32
.56	5.21	9.86	14.51	19.16	12	23.81	28.46	33.11	37.76	42.41
.65	5.30	9.95	14.60	19.25	14	23.90	28.55	33.20	37.85	42.50
.74	5.39	10.04	14.69	19.34	16	23.99	28.64	33.29	37.94	42.59
.84	5.49	10.14	14.79	19.44	18	24.09	28.74	33.39	38.04	42.69
.93	5.58	10.23	14.88	19.53	20	24.18	28.83	33.48	38.13	42.78
1.02	5.67	10.32	14.97	19.62	22	24.27	28.92	33.57	38.22	42.87
1.12	5.77	10.42	15.07	19.72	24	24.37	29.02	33.67	38.32	42.97
1.21	5.86	10.51	15.16	19.81	26	24.46	29.11	33.76	38.41	43.06
1.30	5.95	10.60	15.25	19.90	28	24.55	29.20	33.85	38.50	43.15
1.40	6.05	10.70	15.35	20.00	30	24.65	29.30	33.95	38.60	43.25
1.49	6.14	10.79	15.44	20.09	32	24.74	29.39	34.04	38.69	43.34
1.58	6.23	10.88	15.53	20.18	34	24.83	29.48	34.13	38.78	43.43
1.67	6.32	10.97	15.62	20.27	36	24.92	29.57	34.22	38.87	43.52
1.77	6.42	11.07	15.72	20.37	38	25.02	29.67	34.32	38.97	43.62
1.86	6.51	11.16	15.81	20.46	40	25.11	29.76	34.41	39.06	43.71
1.95	6.60	11.25	15.90	20.55	42	25.20	29.85	34.50	39.15	43.80
2.05	6.70	11.35	16.00	20.65	44	25.30	29.95	34.60	39.25	43.90
2.14	6.79	11.44	16.09	20.74	46	25.39	30.04	34.69	39.34	43.99
2.23	6.88	11.53	16.18	20.83	48	25.48	30.13	34.78	39.43	44.08
2.33	6.98	11.63	16.28	20.93	50	25.58	30.23	34.88	39.53	44.18

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.42	7.07	11.72	16.37	21.02	52	25.67	30.32	34.97	39.62	44.27
2.51	7.16	11.81	16.46	21.11	54	25.76	30.41	35.06	39.71	44.36
2.60	7.25	11.90	16.55	21.20	56	25.85	30.50	35.15	39.80	44.45
2.70	7.35	12.00	16.65	21.30	58	25.95	30.60	35.25	39.90	44.55
2.79	7.44	12.09	16.74	21.39	60	26.04	30.69	35.34	39.99	44.64
2.88	7.53	12.18	16.83	21.48	62	26.13	30.78	35.43	40.08	44.73
2.98	7.63	12.28	16.93	21.58	64	26.23	30.88	35.53	40.18	44.83
3.07	7.72	12.37	17.02	21.67	66	26.32	30.97	35.62	40.27	44.92
3.16	7.81	12.46	17.11	21.76	68	26.41	31.06	35.71	40.36	45.01
3.26	7.91	12.56	17.21	21.86	70	26.51	31.16	35.81	40.46	45.11
3.35	8.00	12.65	17.30	21.95	72	26.60	31.25	35.90	40.55	45.20
3.44	8.09	12.74	17.39	22.04	74	26.69	31.34	35.99	40.64	45.29
3.53	8.18	12.83	17.48	22.13	76	26.78	31.43	36.08	40.73	45.38
3.63	8.28	12.93	17.58	22.23	78	26.88	31.53	36.18	40.83	45.48
3.72	8.37	13.02	17.67	22.32	80	26.97	31.62	36.27	40.92	45.57
3.81	8.46	13.11	17.76	22.41	82	27.06	31.71	36.36	41.01	45.66
3.91	8.56	13.21	17.86	22.51	84	27.16	31.81	36.46	41.11	45.76
4.00	8.65	13.30	17.95	22.60	86	27.25	31.90	36.55	41.20	45.85
4.09	8.74	13.39	18.04	22.69	88	27.34	31.99	36.64	41.29	45.94
4.19	8.84	13.49	18.14	22.79	90	27.44	32.09	36.74	41.39	46.04
4.28	8.93	13.58	18.23	22.88	92	27.53	32.18	36.83	41.48	46.13
4.37	9.02	13.67	18.32	22.97	94	27.62	32.27	36.92	41.57	46.22
4.46	9.11	13.76	18.41	23.06	96	27.71	32.36	37.01	41.66	46.31
4.56	9.21	13.86	18.51	23.16	98	27.81	32.46	37.11	41.76	46.41

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
46.50	93.00	139.50	186.00		232.50	279.00	325.50	372.00	418.50
465.00	511.50	558.00	604.50	651.00	897.50	744.00	790.50	837.00	883.50
930.00	976.50	1023.00	1069.50	1116.00	1162.50	1209.00	1255.50	1302.00	1348.50



\$4.67½ Per 100

\$46.75 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
4.68	9.35	14.03	18.70			23.38	28.05	32.73	37.40	42.08
09	4.77	9.44	14.12	18.79	2	23.47	28.14	32.82	37.49	42.17
19	4.86	9.54	14.21	18.89	4	23.56	28.24	32.92	37.59	42.26
28	4.96	9.63	14.31	18.98	6	23.66	28.33	33.01	37.68	42.36
37	5.05	9.72	14.40	19.07	8	23.75	28.42	33.10	37.77	42.45
47	5.14	9.82	14.49	19.17	10	23.84	28.52	33.19	37.87	42.54
56	5.24	9.91	14.59	19.26	12	23.94	28.61	33.29	37.96	42.64
65	5.33	10.00	14.68	19.35	14	24.03	28.70	33.38	38.05	42.73
75	5.42	10.10	14.77	19.45	16	24.12	28.80	33.47	38.15	42.82
84	5.52	10.19	14.87	19.54	18	24.22	28.89	33.57	38.24	42.92
94	5.61	10.29	14.96	19.64	20	24.31	28.99	33.66	38.34	43.01
1.03	5.70	10.38	15.05	19.73	22	24.40	29.08	33.75	38.43	43.10
1.12	5.80	10.47	15.15	19.82	24	24.50	29.17	33.85	38.52	43.20
1.22	5.89	10.57	15.24	19.92	26	24.59	29.27	33.94	38.62	43.29
1.31	5.98	10.66	15.33	20.01	28	24.68	29.36	34.03	38.71	43.38
1.40	6.08	10.75	15.43	20.10	30	24.78	29.45	34.13	38.80	43.48
1.50	6.17	10.85	15.52	20.20	32	24.87	29.55	34.22	38.90	43.57
1.59	6.26	10.94	15.61	20.29	34	24.96	29.64	34.31	38.99	43.66
1.68	6.36	11.03	15.71	20.38	36	25.06	29.73	34.41	39.08	43.76
1.78	6.45	11.13	15.80	20.48	38	25.15	29.83	34.50	39.18	43.85
1.87	6.55	11.22	15.90	20.57	40	25.25	29.92	31.60	39.27	43.95
1.96	6.64	11.31	15.99	20.66	42	25.34	30.01	34.69	39.36	44.04
2.06	6.73	11.41	16.08	20.76	44	25.43	30.11	34.78	39.46	44.13
2.15	6.83	11.50	16.18	20.85	46	25.53	30.20	34.88	39.55	44.23
2.24	6.92	11.59	16.27	20.94	48	25.62	30.29	34.97	39.64	44.32
2.34	7.01	11.69	16.36	21.04	50	25.71	30.39	35.06	39.74	44.41

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.43	7.11	11.78	16.46	21.13	52	25.81	30.48	35.16	39.83	44.51
2.52	7.20	11.87	16.55	21.22	54	25.90	30.57	35.25	39.92	44.60
2.62	7.29	11.97	16.64	21.32	56	25.99	30.67	35.34	40.02	44.69
2.71	7.39	12.06	16.74	21.41	58	26.09	30.76	35.44	40.11	44.79
2.81	7.48	12.16	16.83	21.51	60	26.18	30.86	35.53	40.21	44.88
2.90	7.57	12.25	16.92	21.60	62	26.27	30.95	35.62	40.30	44.97
2.99	7.67	12.34	17.02	21.69	64	26.37	31.04	35.72	40.39	45.07
3.09	7.76	12.44	17.11	21.79	66	26.46	31.14	35.81	40.49	45.16
3.18	7.85	12.53	17.20	21.88	68	26.55	31.23	35.90	40.58	45.25
3.27	7.95	12.62	17.30	21.97	70	26.65	31.32	36.00	40.67	45.35
3.37	8.04	12.72	17.39	22.07	72	26.74	31.42	36.09	40.77	45.44
3.46	8.13	12.81	17.48	22.16	74	26.83	31.51	36.18	40.86	45.53
3.55	8.23	12.90	17.58	22.25	76	26.93	31.60	36.28	40.95	45.63
3.65	8.32	13.00	17.67	22.35	78	27.02	31.70	36.37	41.05	45.72
3.74	8.42	13.09	17.77	22.44	80	27.12	31.79	36.47	41.14	45.82
3.83	8.51	13.18	17.86	22.53	82	27.21	31.88	36.56	41.23	45.91
3.93	8.60	13.28	17.95	22.63	84	27.30	31.98	36.65	41.33	46.00
4.02	8.70	13.37	18.05	22.72	86	27.40	32.07	36.75	41.42	46.10
4.11	8.79	13.46	18.14	22.81	88	27.49	32.16	36.84	41.51	46.19
4.21	8.88	13.56	18.23	22.91	90	27.58	32.26	36.93	41.61	46.28
4.30	8.98	13.65	18.33	23.00	92	27.68	32.35	37.03	41.70	46.38
4.39	9.07	13.74	18.42	23.09	94	27.77	32.44	37.12	41.79	46.47
4.49	9.16	13.84	18.51	23.19	96	27.86	32.54	37.21	41.89	46.56
4.58	9.26	13.93	18.61	23.28	98	27.96	32.63	37.31	41.98	46.66

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
46.75	93.50	140.25	187.00		233.75	290.50	327.25	374.00	420.75
407.60	514.25	561.00	607.75	10	701.25	748.00	794.75	841.50	888.25
936.00	981.75	1028.50	1075.25	20	1198.75	1245.50	1292.25	1339.00	1385.75

\$54

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
2	4.70	9.40	14.10	18.80		23.50	28.20	32.90	37.60	42.30
4	4.79	9.49	14.19	18.89	2	23.59	28.29	32.99	37.69	42.39
6	4.89	9.59	14.29	18.99	4	23.69	28.39	33.09	37.79	42.49
8	4.98	9.68	14.38	19.08	6	23.78	28.48	33.18	37.88	42.58
10	5.08	9.78	14.48	19.18	8	23.88	28.58	33.28	37.98	42.68
12	5.17	9.87	14.57	19.27	10	23.97	28.67	33.37	38.07	42.77
14	5.26	9.96	14.66	19.36	12	24.06	28.76	33.46	38.16	42.86
16	5.36	10.06	14.76	19.46	14	24.16	28.86	33.56	38.26	42.96
18	5.45	10.15	14.85	19.55	16	24.25	28.95	33.65	38.35	43.05
20	5.55	10.25	14.95	19.65	18	24.35	29.05	33.75	38.45	43.15
22	5.64	10.34	15.04	19.74	20	24.44	29.14	33.84	38.54	43.24
24	5.73	10.43	15.13	19.83	22	24.53	29.23	33.93	38.63	43.33
26	5.83	10.53	15.23	19.93	24	24.63	29.33	34.03	38.73	43.43
28	5.92	10.62	15.32	20.02	26	24.72	29.42	34.12	38.82	43.52
30	6.02	10.72	15.42	20.12	28	24.82	29.52	34.22	38.92	43.62
32	6.11	10.81	15.51	20.21	30	24.91	29.61	34.31	39.01	43.71
34	6.20	10.90	15.60	20.30	32	25.00	29.70	34.40	39.10	43.80
36	6.30	11.00	15.70	20.40	34	25.10	29.80	34.50	39.20	43.90
38	6.39	11.09	15.79	20.49	36	25.19	29.89	34.59	39.29	43.99
40	6.49	11.19	15.89	20.59	38	25.29	29.99	34.69	39.39	44.09
42	6.58	11.28	15.98	20.68	40	25.38	30.08	34.78	39.48	44.18
44	6.67	11.37	16.07	20.77	42	25.47	30.17	34.87	39.57	44.27
46	6.77	11.47	16.17	20.87	44	25.57	30.27	34.97	39.67	44.37
48	6.86	11.56	16.26	20.96	46	25.66	30.36	35.06	39.76	44.46
50	6.96	11.66	16.36	21.06	48	25.76	30.46	35.16	39.86	44.56
52	7.05	11.75	16.45	21.15	50	25.85	30.55	35.25	39.95	44.65

2 to 98	100	200	300	400	feet	500	600	700	800	900
52	2.44	7.14	11.84	16.54	21.24	25.94	30.64	35.34	40.04	44.74
54	2.54	7.24	11.94	16.64	21.34	26.04	30.74	35.44	40.14	44.84
56	2.63	7.33	12.03	16.73	21.43	26.13	30.83	35.53	40.23	44.93
58	2.73	7.43	12.13	16.83	21.53	26.23	30.93	35.63	40.33	45.03
60	2.82	7.52	12.22	16.92	21.62	26.32	31.02	35.72	40.42	45.12
62	2.91	7.61	12.31	17.01	21.71	26.41	31.11	35.81	40.51	45.21
64	3.01	7.71	12.41	17.11	21.81	26.51	31.21	35.91	40.61	45.31
66	3.10	7.80	12.50	17.20	21.90	26.60	31.30	36.00	40.70	45.40
68	3.20	7.90	12.60	17.30	22.00	26.70	31.40	36.10	40.80	45.50
70	3.29	7.99	12.69	17.39	22.09	26.79	31.49	36.19	40.89	45.59
72	3.38	8.08	12.78	17.48	22.18	26.88	31.58	36.28	40.98	45.68
74	3.48	8.18	12.88	17.58	22.28	26.98	31.68	36.38	41.08	45.78
76	3.57	8.27	12.97	17.67	22.37	27.07	31.77	36.47	41.17	45.87
78	3.67	8.37	13.07	17.77	22.47	27.17	31.87	36.57	41.27	45.97
80	3.76	8.46	13.16	17.86	22.56	27.26	31.96	36.66	41.36	46.06
82	3.85	8.55	13.25	17.95	22.65	27.35	32.05	36.75	41.45	46.15
84	3.95	8.65	13.35	18.05	22.75	27.45	32.15	36.85	41.55	46.25
86	4.04	8.74	13.44	18.14	22.84	27.54	32.24	36.94	41.64	46.34
88	4.14	8.84	13.54	18.24	22.94	27.64	32.34	37.04	41.74	46.44
90	4.23	8.93	13.63	18.33	23.03	27.73	32.43	37.13	41.83	46.53
92	4.32	9.02	13.72	18.42	23.12	27.82	32.52	37.22	41.92	46.62
94	4.42	9.12	13.82	18.52	23.22	27.92	32.62	37.32	42.02	46.72
96	4.51	9.21	13.91	18.61	23.31	28.01	32.71	37.41	42.11	46.81
98	4.61	9.31	14.01	18.71	23.41	28.11	32.81	37.51	42.21	46.91

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
47.00	94.00	141.00	188.00		235.00	282.00	329.00	376.00	423.00
470.00	517.00	564.00	611.00	658.00	10	705.00	752.00	799.00	846.00
940.00	987.00	1034.00	1081.00	1128.00	20	1175.00	1222.00	1269.00	1316.00



\$4.72½ Per 100

\$47.25 Per M.

169

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.09	4.73	9.45	14.18	18.90	2	23.63	28.35	33.08	37.80	42.52
1.19	4.82	9.54	14.27	18.99	2	23.72	28.44	33.17	37.89	42.63
1.28	4.91	9.64	14.36	19.09	4	23.81	28.54	33.26	37.99	42.71
1.38	5.01	9.73	14.46	19.18	6	23.91	28.63	33.36	38.08	42.81
1.47	5.10	9.83	14.55	19.28	8	24.00	28.73	33.45	38.18	42.90
1.57	5.20	9.92	14.65	19.37	10	24.10	28.82	33.55	38.27	43.00
1.66	5.29	10.02	14.74	19.47	12	24.19	28.92	33.64	38.37	43.09
1.76	5.39	10.11	14.84	19.56	14	24.29	29.01	33.74	38.46	43.19
1.85	5.48	10.21	14.93	19.66	16	24.38	29.11	33.83	38.56	43.28
1.95	5.58	10.30	15.03	19.75	18	24.48	29.20	33.93	38.65	43.38
2.04	5.67	10.40	15.12	19.85	20	24.57	29.30	34.02	38.75	43.47
2.13	5.76	10.49	15.21	19.94	22	24.66	29.39	34.11	38.84	43.56
2.23	5.86	10.58	15.31	20.03	24	24.76	29.48	34.21	38.93	43.66
2.32	5.95	10.68	15.40	20.13	26	24.85	29.58	34.30	39.03	43.75
2.42	6.05	10.77	15.50	20.22	28	24.95	29.67	34.40	39.12	43.85
2.51	6.14	10.87	15.59	20.32	30	25.04	29.77	34.49	39.22	43.94
2.61	6.24	10.96	15.69	20.41	32	25.14	29.86	34.59	39.31	44.04
2.70	6.33	11.06	15.78	20.51	34	25.23	29.96	34.68	39.41	44.13
2.80	6.43	11.15	15.88	20.60	36	25.33	30.05	34.78	39.50	44.23
2.89	6.52	11.25	15.97	20.70	38	25.42	30.15	34.87	39.60	44.32
2.99	6.62	11.34	16.07	20.79	40	25.52	30.24	34.97	39.69	44.42
3.08	6.71	11.43	16.16	20.88	42	25.61	30.33	35.06	39.78	44.51
3.18	6.80	11.53	16.25	20.98	44	25.70	30.43	35.15	39.88	44.60
3.27	6.90	11.62	16.35	21.07	46	25.80	30.52	35.25	39.97	44.70
3.37	6.99	11.72	16.44	21.17	48	25.89	30.62	35.34	40.07	44.79
3.46	7.09	11.81	16.54	21.26	50	25.99	30.71	35.44	40.16	44.89

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.46	7.18	11.91	16.63	21.36	52	26.08	30.81	35.53	40.26	44.98
2.55	7.28	12.00	16.73	21.45	54	26.18	30.90	35.63	40.35	45.08
2.65	7.37	12.10	16.82	21.55	56	26.27	31.00	35.72	40.45	45.17
2.74	7.47	12.19	16.92	21.64	58	26.37	31.09	35.82	40.54	45.27
2.84	7.56	12.29	17.01	21.74	60	26.46	31.19	35.91	40.64	45.36
2.93	7.65	12.38	17.10	21.83	62	26.55	31.28	36.00	40.73	45.45
3.02	7.75	12.47	17.20	21.92	64	26.65	31.37	36.10	40.82	45.55
3.12	7.84	12.57	17.29	22.02	66	26.74	31.47	36.19	40.92	45.64
3.21	7.94	12.66	17.39	22.11	68	26.84	31.56	36.29	41.01	45.74
3.31	8.03	12.76	17.48	22.21	70	26.93	31.66	36.38	41.11	45.83
3.40	8.13	12.85	17.58	22.30	72	27.03	31.75	36.48	41.20	45.93
3.50	8.22	12.95	17.67	22.40	74	27.12	31.85	36.57	41.30	46.02
3.59	8.32	13.04	17.77	22.49	76	27.22	31.94	36.67	41.39	46.12
3.69	8.41	13.14	17.86	22.59	78	27.31	32.04	36.76	41.49	46.21
3.78	8.51	13.23	17.96	22.68	80	27.41	32.13	36.86	41.58	46.31
3.87	8.60	13.32	18.05	22.77	82	27.50	32.22	36.95	41.67	46.40
3.97	8.69	13.42	18.14	22.87	84	27.59	32.32	37.04	41.77	46.49
4.06	8.79	13.51	18.24	22.96	86	27.69	32.41	37.14	41.86	46.59
4.16	8.88	13.61	18.33	23.06	88	27.78	32.51	37.23	41.96	46.68
4.25	8.98	13.70	18.43	23.15	90	27.88	32.60	37.33	42.05	46.78
4.35	9.07	13.80	18.52	23.25	92	27.97	32.70	37.42	42.15	46.87
4.44	9.17	13.89	18.62	23.34	94	28.07	32.79	37.52	42.24	46.97
4.54	9.26	13.99	18.71	23.44	96	28.16	32.89	37.61	42.34	47.06
4.63	9.36	14.08	18.81	23.53	98	28.26	32.98	37.71	42.43	47.16

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
47.25	94.50	141.75	189.00		236.25	283.50	330.75	378.00	425.25
472.50	519.75	567.00	614.25	10	708.75	756.00	803.25	850.50	897.75
945.00	992.25	1039.50	1086.75	20	1181.25	1248.50	1275.75	1323.00	1370.25

\$54

\$47

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.47	4.75	9.50	14.25	19.00	23.75	28.50	33.25	38.00	42.75
2.50	4.85	9.60	14.35	19.10	23.85	28.60	33.35	38.10	42.85
2.53	4.94	9.69	14.44	19.19	23.94	28.69	33.44	38.19	42.94
2.56	5.04	9.79	14.54	19.29	24.04	28.79	33.54	38.29	43.04
2.59	5.13	9.88	14.63	19.38	24.13	28.88	33.63	38.38	43.13
2.62	5.23	9.98	14.73	19.48	24.23	28.98	33.73	38.48	43.23
2.65	5.32	10.07	14.82	19.57	24.32	29.07	33.82	38.57	43.32
2.68	5.42	10.17	14.92	19.67	24.42	29.17	33.92	38.67	43.42
2.71	5.51	10.26	15.01	19.76	24.51	29.26	34.01	38.76	43.51
2.74	5.61	10.36	15.11	19.86	24.61	29.36	34.11	38.86	43.61
2.77	5.70	10.45	15.20	19.95	24.70	29.45	34.20	38.95	43.70
2.80	5.80	10.55	15.30	20.05	24.80	29.55	34.30	39.05	43.80
2.83	5.89	10.64	15.39	20.14	24.89	29.64	34.39	39.14	43.89
2.86	5.99	10.74	15.49	20.24	24.99	29.74	34.49	39.24	43.99
2.89	6.08	10.83	15.58	20.33	25.08	29.83	34.58	39.33	44.08
2.92	6.18	10.93	15.68	20.43	25.18	29.93	34.68	39.43	44.18
2.95	6.27	11.02	15.77	20.52	25.27	30.02	34.77	39.52	44.27
2.98	6.37	11.12	15.87	20.62	25.37	30.12	34.87	39.62	44.37
3.01	6.46	11.21	15.96	20.71	25.46	30.21	34.96	39.71	44.46
3.04	6.56	11.31	16.06	20.81	25.56	30.31	35.06	39.81	44.56
3.07	6.65	11.40	16.15	20.90	25.65	30.40	35.15	39.90	44.65
3.10	6.75	11.50	16.25	21.00	25.75	30.50	35.25	40.00	44.75
3.13	6.84	11.59	16.34	21.09	25.84	30.59	35.34	40.09	44.84
3.16	6.94	11.69	16.44	21.19	25.94	30.69	35.44	40.19	44.94
3.19	7.03	11.78	16.53	21.28	26.03	30.78	35.53	40.28	45.03
3.22	7.13	11.88	16.63	21.38	26.13	30.88	35.63	40.38	45.13

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.47	7.22	11.97	16.72	21.47	26.22	30.97	35.72	40.47	45.22
2.50	7.32	12.07	16.82	21.57	26.32	31.07	35.82	40.57	45.32
2.53	7.41	12.16	16.91	21.66	26.41	31.16	35.91	40.66	45.41
2.56	7.51	12.26	17.01	21.76	26.51	31.26	36.01	40.76	45.51
2.59	7.60	12.35	17.10	21.85	26.60	31.35	36.10	40.85	45.60
2.62	7.70	12.45	17.20	21.95	26.70	31.45	36.20	40.95	45.70
2.65	7.79	12.54	17.29	22.04	26.79	31.54	36.29	41.04	45.79
2.68	7.89	12.64	17.39	22.14	26.89	31.64	36.39	41.14	45.89
2.71	7.98	12.73	17.48	22.23	26.98	31.73	36.48	41.23	45.98
2.74	8.08	12.83	17.58	22.33	27.08	31.83	36.58	41.33	46.08
2.77	8.17	12.92	17.67	22.42	27.17	31.92	36.67	41.42	46.17
2.80	8.27	13.02	17.77	22.52	27.27	32.02	36.77	41.52	46.27
2.83	8.36	13.11	17.86	22.61	27.36	32.11	36.86	41.61	46.36
2.86	8.46	13.21	17.96	22.71	27.46	32.21	36.96	41.71	46.46
2.89	8.55	13.30	18.05	22.80	27.55	32.30	37.05	41.80	46.55
2.92	8.65	13.40	18.15	22.90	27.65	32.40	37.15	41.90	46.65
2.95	8.74	13.49	18.24	22.99	27.74	32.49	37.24	41.99	46.74
2.98	8.84	13.59	18.34	23.09	27.84	32.59	37.34	42.09	46.84
3.01	8.93	13.68	18.43	23.18	27.93	32.68	37.43	42.18	46.93
3.04	9.03	13.78	18.53	23.28	28.03	32.78	37.53	42.28	47.03
3.07	9.12	13.87	18.62	23.37	28.12	32.87	37.62	42.37	47.12
3.10	9.22	13.97	18.72	23.47	28.22	32.97	37.72	42.47	47.22
3.13	9.31	14.06	18.81	23.56	28.31	33.06	37.81	42.56	47.31
3.16	9.41	14.16	18.91	23.66	28.41	33.16	37.91	42.66	47.41

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
475.00	47.50	95.00	142.50	190.00	10	237.50	285.00	332.50	390.00
475.00	522.50	570.00	617.50	665.00	10	712.50	760.00	807.50	855.00
950.00	997.50	1045.00	1092.50	1140.00	20	1187.50	1235.00	1282.50	1330.00
					20				1377.50



\$4.77½ Per 100

\$47.75 Per M

171

2 to 98	100	200	300	400	feet	500	600	700	800	900
108	4.78	9.55	14.33	19.10	1	23.88	28.65	33.43	38.20	42.98
110	4.87	9.65	14.42	19.20	2	23.97	28.75	33.52	38.30	43.07
119	4.97	9.74	14.52	19.29	4	24.07	28.84	33.62	38.39	43.17
129	5.06	9.84	14.61	19.39	6	24.16	28.94	33.71	38.49	43.26
138	5.16	9.93	14.71	19.48	8	24.26	29.03	33.81	38.58	43.36
148	5.25	10.03	14.80	19.58	10	24.35	29.13	33.90	38.68	43.45
157	5.35	10.12	14.90	19.67	12	24.45	29.22	34.00	38.77	43.55
167	5.44	10.22	14.99	19.77	14	24.54	29.32	34.09	38.87	43.64
176	5.54	10.31	15.09	19.86	16	24.64	29.41	34.19	38.96	43.74
186	5.63	10.41	15.18	19.96	18	24.73	29.51	34.28	39.06	43.83
196	5.73	10.51	15.28	20.06	20	24.83	29.61	34.38	39.16	43.93
1.05	5.83	10.60	15.38	20.15	22	24.93	29.70	34.48	39.25	44.03
1.15	5.92	10.70	15.47	20.25	24	25.02	29.80	34.57	39.35	44.12
1.24	6.02	10.79	15.57	20.34	26	25.12	29.89	34.67	39.44	44.22
1.34	6.11	10.89	15.66	20.44	28	25.21	29.99	34.76	39.54	44.31
1.43	6.21	10.98	15.76	20.53	30	25.31	30.08	34.86	39.63	44.41
1.53	6.30	11.08	15.85	20.63	32	25.40	30.18	34.95	39.73	44.50
1.62	6.40	11.17	15.95	20.72	34	25.50	30.27	35.05	39.82	44.60
1.72	6.49	11.27	16.04	20.82	36	25.59	30.37	35.14	39.92	44.69
1.81	6.59	11.36	16.14	20.91	38	25.69	30.46	35.24	40.01	44.79
1.91	6.69	11.46	16.24	21.01	40	25.79	30.56	35.34	40.11	44.89
2.01	6.78	11.56	16.33	21.11	42	25.88	30.66	35.43	40.21	44.98
2.10	6.88	11.65	16.43	21.20	44	25.98	30.75	35.53	40.30	45.08
2.20	6.97	11.75	16.52	21.30	46	26.07	30.85	35.62	40.40	45.17
2.29	7.07	11.84	16.62	21.39	48	26.17	30.94	35.72	40.49	45.27
2.39	7.16	11.94	16.71	21.49	50	26.26	31.04	35.81	40.59	45.36

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.48	7.26	12.03	16.81	21.58	52	26.36	31.13	35.91	40.68	45.46
2.58	7.35	12.13	16.90	21.68	54	26.45	31.23	36.00	40.78	45.55
2.67	7.45	12.22	17.00	21.77	56	26.55	31.32	36.10	40.87	45.65
2.77	7.54	12.32	17.09	21.87	58	26.64	31.42	36.19	40.97	45.74
2.87	7.64	12.42	17.19	21.97	60	26.74	31.52	36.29	41.07	45.84
2.96	7.74	12.51	17.29	22.06	62	26.84	31.61	36.39	41.16	45.94
3.06	7.83	12.61	17.38	22.16	64	26.93	31.71	36.48	41.26	46.03
3.15	7.93	12.70	17.48	22.25	66	27.03	31.80	36.58	41.35	46.13
3.25	8.02	12.80	17.57	22.35	68	27.12	31.90	36.67	41.45	46.22
3.34	8.12	12.89	17.67	22.44	70	27.22	31.99	36.77	41.54	46.32
3.44	8.21	12.99	17.76	22.54	72	27.31	32.09	36.86	41.64	46.41
3.53	8.31	13.08	17.86	22.63	74	27.41	32.18	36.96	41.73	46.51
3.63	8.40	13.18	17.95	22.73	76	27.50	32.28	37.05	41.83	46.60
3.72	8.50	13.27	18.05	22.82	78	27.60	32.37	37.15	41.92	46.70
3.82	8.60	13.37	18.15	22.92	80	27.70	32.47	37.25	42.02	46.80
3.92	8.69	13.47	18.24	23.02	82	27.79	32.57	37.34	42.12	46.89
4.01	8.79	13.56	18.34	23.11	84	27.89	32.66	37.44	42.21	46.99
4.11	8.88	13.66	18.43	23.21	86	27.98	32.76	37.53	42.31	47.08
4.20	8.98	13.75	18.53	23.30	88	28.08	32.85	37.63	42.40	47.18
4.30	9.07	13.85	18.62	23.40	90	28.17	32.95	37.72	42.50	47.27
4.39	9.17	13.94	18.72	23.49	92	28.27	33.04	37.82	42.59	47.37
4.49	9.26	14.04	18.81	23.59	94	28.36	33.14	37.91	42.69	47.46
4.58	9.36	14.13	18.91	23.68	96	28.46	33.23	38.01	42.78	47.56
4.68	9.45	14.23	19.00	23.78	98	28.55	33.33	38.10	42.88	47.65

Above 1M

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
47.75	95.50	143.25	191.00	1	238.75	286.50	334.25	382.00	429.75
477.50	525.25	573.00	620.75	10	716.25	764.00	811.75	859.50	907.25
955.00	1002.75	1050.50	1098.25	20	1193.75	1241.50	1289.25	1337.00	1384.75

\$54

\$48

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.0	4.80	9.60	14.40	19.20	2	24.00	28.80	33.60	38.40	43.20
1.10	4.90	9.70	14.50	19.30	2	24.10	28.90	33.70	38.50	43.30
1.19	4.99	9.79	14.59	19.39	4	24.19	28.99	33.79	38.59	43.39
1.29	5.09	9.89	14.69	19.49	6	24.29	29.09	33.89	38.69	43.49
1.38	5.18	9.98	14.78	19.58	8	24.38	29.18	33.98	38.78	43.58
1.48	5.28	10.08	14.88	19.68	10	24.48	29.28	34.08	38.88	43.68
1.58	5.38	10.18	14.98	19.78	12	24.58	29.38	34.18	38.98	43.78
1.67	5.47	10.27	15.07	19.87	14	24.67	29.47	34.27	39.07	43.87
1.77	5.57	10.37	15.17	19.97	16	24.77	29.57	34.37	39.17	43.97
1.86	5.66	10.46	15.26	20.06	18	24.86	29.66	34.46	39.26	44.06
1.96	5.76	10.56	15.36	20.16	20	24.96	29.76	34.56	39.36	44.16
1.06	5.86	10.66	15.46	20.26	22	25.06	29.86	34.66	39.46	44.26
1.15	5.95	10.75	15.55	20.35	24	25.15	29.95	34.75	39.55	44.35
1.25	6.05	10.85	15.65	20.45	26	25.25	30.05	34.85	39.65	44.45
1.34	6.14	10.94	15.74	20.54	28	25.34	30.14	34.94	39.74	44.54
1.44	6.24	11.04	15.84	20.64	30	25.44	30.24	35.04	39.84	44.64
1.54	6.34	11.14	15.94	20.74	32	25.54	30.34	35.14	39.94	44.74
1.63	6.43	11.23	16.03	20.83	34	25.63	30.43	35.23	40.03	44.83
1.73	6.53	11.33	16.13	20.93	36	25.73	30.53	35.33	40.13	44.93
1.82	6.62	11.42	16.22	21.02	38	25.82	30.62	35.42	40.22	45.02
1.92	6.72	11.52	16.32	21.12	40	25.92	30.72	35.52	40.32	45.12
2.02	6.82	11.62	16.42	21.22	42	26.02	30.82	35.62	40.42	45.22
2.11	6.91	11.71	16.51	21.31	44	26.11	30.91	35.71	40.51	45.31
2.21	7.01	11.81	16.61	21.41	46	26.21	31.01	35.81	40.61	45.41
2.30	7.10	11.90	16.70	21.50	48	26.30	31.10	35.90	40.70	45.50
2.40	7.20	12.00	16.80	21.60	50	26.40	31.20	36.00	40.80	45.60

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.50	7.30	12.10	16.90	21.70	52	26.50	31.30	36.10	40.90	45.70
2.59	7.39	12.19	16.99	21.79	54	26.59	31.39	36.19	40.99	45.79
2.69	7.49	12.29	17.09	21.89	56	26.69	31.49	36.29	41.09	45.89
2.78	7.58	12.38	17.18	21.98	58	26.78	31.58	36.38	41.18	45.98
2.88	7.68	12.48	17.28	22.08	60	26.88	31.68	36.48	41.28	46.08
2.98	7.78	12.58	17.38	22.18	62	26.98	31.78	36.58	41.38	46.18
3.07	7.87	12.67	17.47	22.27	64	27.07	31.87	36.67	41.47	46.27
3.17	7.97	12.77	17.57	22.37	66	27.17	31.97	36.77	41.57	46.37
3.26	8.06	12.86	17.66	22.46	68	27.26	32.06	36.86	41.66	46.46
3.36	8.16	12.96	17.76	22.56	70	27.36	32.16	36.96	41.76	46.56
3.46	8.26	13.06	17.86	22.66	72	27.46	32.26	37.06	41.86	46.66
3.55	8.35	13.15	17.95	22.75	74	27.55	32.35	37.15	41.95	46.75
3.65	8.45	13.25	18.05	22.85	76	27.65	32.45	37.25	42.05	46.85
3.74	8.54	13.34	18.14	22.94	78	27.74	32.54	37.34	42.14	46.94
3.84	8.64	13.44	18.24	23.04	80	27.84	32.64	37.44	42.24	47.04
3.94	8.74	13.54	18.34	23.14	82	27.94	32.74	37.54	42.34	47.14
4.03	8.83	13.63	18.43	23.23	84	28.03	32.83	37.63	42.43	47.23
4.13	8.93	13.73	18.53	23.33	86	28.13	32.93	37.73	42.53	47.33
4.22	9.02	13.82	18.62	23.42	88	28.22	33.02	37.82	42.62	47.42
4.32	9.12	13.92	18.72	23.52	90	28.32	33.12	37.92	42.72	47.52
4.42	9.22	14.02	18.82	23.62	92	28.42	33.22	38.02	42.82	47.62
4.51	9.31	14.11	18.91	23.71	94	28.51	33.31	38.11	42.91	47.71
4.61	9.41	14.21	19.01	23.81	96	28.61	33.41	38.21	43.01	47.81
4.70	9.50	14.30	19.10	23.90	98	28.70	33.50	38.30	43.10	47.90

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
48.00	96.00	144.00	192.00	240.00	288.00	336.00	384.00	432.00	
480.00	528.00	576.00	624.00	672.00	720.00	768.00	816.00	864.00	912.00
960.00	1008.00	1056.00	1104.00	1152.00	1200.00	1248.00	1296.00	1344.00	1392.00



\$1.82½ Per 100

\$48.25 Per M.

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2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.83	9.65	14.48	19.30		24.13	28.95	33.78	38.60	43.43
10	4.92	9.75	14.57	19.40	2	24.22	29.05	33.87	38.70	43.52
19	5.02	9.84	14.67	19.49	4	24.32	29.14	33.97	38.79	43.62
29	5.11	9.94	14.76	19.59	6	24.41	29.24	34.06	38.89	43.71
39	5.21	10.04	14.86	19.69	8	24.51	29.34	34.16	38.99	43.81
48	5.31	10.13	14.96	19.78	10	24.61	29.43	34.26	39.08	43.91
58	5.40	10.23	15.05	19.88	12	24.70	29.53	34.35	39.18	44.00
68	5.50	10.33	15.15	19.98	14	24.80	29.63	34.45	39.28	44.10
77	5.60	10.42	15.25	20.07	16	24.90	29.72	34.55	39.37	44.20
87	5.69	10.52	15.34	20.17	18	24.99	29.82	34.64	39.47	44.29
97	5.79	10.62	15.44	20.27	20	25.09	29.92	34.74	39.57	44.39
1.06	5.89	10.71	15.54	20.36	22	25.19	30.01	34.84	39.66	44.49
1.16	5.98	10.81	15.63	20.46	24	25.28	30.11	34.93	39.76	44.58
1.25	6.08	10.90	15.73	20.55	26	25.38	30.20	35.03	39.85	44.68
1.35	6.18	11.00	15.83	20.65	28	25.48	30.30	35.13	39.95	44.78
1.45	6.27	11.10	15.92	20.75	30	25.57	30.40	35.22	40.05	44.87
1.54	6.37	11.19	16.02	20.84	32	25.67	30.49	35.32	40.14	44.97
1.64	6.47	11.29	16.12	20.94	34	25.77	30.59	35.42	40.24	45.07
1.74	6.56	11.39	16.21	21.04	36	25.86	30.69	35.51	40.34	45.16
1.83	6.66	11.48	16.31	21.13	38	25.96	30.78	35.61	40.43	45.26
1.93	6.76	11.58	16.41	21.23	40	26.06	30.88	35.71	40.53	45.36
2.03	6.85	11.68	16.50	21.33	42	26.15	30.98	35.80	40.63	45.45
2.12	6.95	11.77	16.60	21.42	44	26.25	31.07	35.90	40.72	45.55
2.22	7.04	11.87	16.69	21.52	46	26.34	31.17	35.99	40.82	45.64
2.32	7.14	11.97	16.79	21.62	48	26.44	31.27	36.09	40.92	45.74
2.41	7.24	12.06	16.89	21.71	50	26.54	31.36	36.19	41.01	45.84

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.51	7.33	12.16	16.98	21.81	52	26.63	31.46	36.28	41.11	45.93
2.61	7.43	12.26	17.08	21.91	54	26.73	31.56	36.38	41.21	46.03
2.70	7.53	12.35	17.18	22.00	56	26.83	31.65	36.48	41.30	46.13
2.80	7.62	12.45	17.27	22.10	58	26.92	31.75	36.57	41.40	46.22
2.90	7.72	12.55	17.37	22.20	60	27.02	31.85	36.67	41.50	46.32
2.99	7.82	12.64	17.47	22.29	62	27.12	31.94	36.77	41.59	46.42
3.09	7.91	12.74	17.56	22.39	64	27.21	32.04	36.86	41.69	46.51
3.18	8.01	12.83	17.66	22.48	66	27.31	32.13	36.96	41.78	46.61
3.28	8.11	12.93	17.76	22.58	68	27.41	32.23	37.06	41.88	46.71
3.38	8.20	13.03	17.85	22.68	70	27.50	32.33	37.15	41.98	46.80
3.47	8.30	13.12	17.95	22.77	72	27.60	32.42	37.25	42.07	46.90
3.57	8.40	13.22	18.05	22.87	74	27.70	32.52	37.35	42.17	47.00
3.67	8.49	13.32	18.14	22.97	76	27.79	32.62	37.44	42.27	47.09
3.76	8.59	13.41	18.24	23.06	78	27.89	32.71	37.54	42.36	47.19
3.86	8.69	13.51	18.34	23.16	80	27.99	32.81	37.64	42.46	47.29
3.96	8.78	13.61	18.43	23.26	82	28.08	32.91	37.73	42.56	47.38
4.05	8.88	13.70	18.53	23.35	84	28.18	33.00	37.83	42.65	47.48
4.15	8.97	13.80	18.62	23.45	86	28.27	33.10	37.92	42.75	47.57
4.25	9.07	13.90	18.72	23.55	88	28.37	33.20	38.02	42.85	47.67
4.34	9.17	13.99	18.82	23.64	90	28.47	33.29	38.12	42.94	47.77
4.44	9.26	14.09	18.91	23.74	92	28.56	33.39	38.21	43.04	47.86
4.54	9.36	14.19	19.01	23.84	94	28.66	33.49	38.31	43.14	47.96
4.63	9.46	14.28	19.11	23.93	96	28.76	33.58	38.41	43.23	48.06
4.73	9.55	14.38	19.20	24.03	98	28.85	33.68	38.50	43.33	48.15

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
48.25	98.50	144.75	193.00		241.25	289.50	337.75	386.00	434.25
482.50	530.75	579.00	627.25	675.50	10	723.75	772.00	820.25	868.50
965.00	1013.25	1061.50	1109.75	1158.00	20	1206.25	1254.50	1302.75	1351.00

\$54

\$48

\$49

\$50

\$51

\$52

\$53



2 to 98	100	200	300	400	feet	500	600	700	800	900
	4.85	9.70	14.55	19.40		24.25	29.10	33.95	38.80	43.65
10	4.95	9.80	14.65	19.50	2	24.35	29.20	34.05	38.90	43.75
19	5.04	9.89	14.74	19.59	4	24.44	29.29	34.14	38.99	43.84
29	5.14	9.99	14.84	19.69	6	24.54	29.39	34.24	39.09	43.94
39	5.24	10.09	14.94	19.79	8	24.64	29.49	34.34	39.19	44.04
49	5.34	10.19	15.04	19.89	10	24.74	29.59	34.44	39.29	44.14
58	5.43	10.28	15.13	19.98	12	24.83	29.68	34.53	39.38	44.23
68	5.53	10.38	15.23	20.08	14	24.93	29.78	34.63	39.48	44.33
78	5.63	10.48	15.33	20.18	16	25.03	29.88	34.73	39.58	44.43
87	5.72	10.57	15.42	20.27	18	25.12	29.97	34.82	39.67	44.52
97	5.82	10.67	15.52	20.37	20	25.22	30.07	34.92	39.77	44.62
1.07	5.92	10.77	15.62	20.47	22	25.32	30.17	35.02	39.87	44.72
1.16	6.01	10.86	15.71	20.56	24	25.41	30.26	35.11	39.96	44.81
1.26	6.11	10.96	15.81	20.66	26	25.51	30.36	35.21	40.06	44.91
1.36	6.21	11.06	15.91	20.76	28	25.61	30.46	35.31	40.16	45.01
1.46	6.31	11.16	16.01	20.86	30	25.71	30.56	35.41	40.26	45.11
1.55	6.40	11.25	16.10	20.95	32	25.80	30.65	35.50	40.35	45.20
1.65	6.50	11.35	16.20	21.05	34	25.90	30.75	35.60	40.45	45.30
1.75	6.60	11.45	16.30	21.15	36	26.00	30.85	35.70	40.55	45.40
1.84	6.69	11.54	16.39	21.24	38	26.09	30.94	35.79	40.64	45.49
1.94	6.79	11.64	16.49	21.34	40	26.19	31.04	35.89	40.74	45.59
2.04	6.89	11.74	16.59	21.44	42	26.29	31.14	35.99	40.84	45.69
2.13	6.98	11.83	16.68	21.53	44	26.38	31.23	36.08	40.93	45.78
2.23	7.08	11.93	16.78	21.63	46	26.48	31.33	36.18	41.03	45.88
2.33	7.18	12.03	16.88	21.73	48	26.58	31.43	36.28	41.13	45.98
2.43	7.28	12.13	16.98	21.83	50	26.68	31.53	36.38	41.23	46.08

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.52	7.37	12.22	17.07	21.92	52	26.77	31.62	36.47	41.32	46.17
2.62	7.47	12.32	17.17	22.02	54	26.87	31.72	36.57	41.42	46.27
2.72	7.57	12.42	17.27	22.12	56	26.97	31.82	36.67	41.52	46.37
2.81	7.66	12.51	17.36	22.21	58	27.06	31.91	36.76	41.61	46.46
2.91	7.76	12.61	17.46	22.31	60	27.16	32.01	36.86	41.71	46.56
3.01	7.86	12.71	17.56	22.41	62	27.26	32.11	36.96	41.81	46.66
3.10	7.95	12.80	17.65	22.50	64	27.35	32.20	37.05	41.90	46.75
3.20	8.05	12.90	17.75	22.60	66	27.45	32.30	37.15	42.00	46.85
3.30	8.15	13.00	17.85	22.70	68	27.55	32.40	37.25	42.10	46.95
3.40	8.25	13.10	17.95	22.80	70	27.65	32.50	37.35	42.20	47.05
3.49	8.34	13.19	18.04	22.89	72	27.74	32.59	37.44	42.29	47.14
3.59	8.44	13.29	18.14	22.99	74	27.84	32.69	37.54	42.39	47.24
3.69	8.54	13.39	18.24	23.09	76	27.94	32.79	37.64	42.49	47.34
3.78	8.63	13.48	18.33	23.18	78	28.03	32.88	37.73	42.58	47.43
3.88	8.73	13.58	18.43	23.28	80	28.13	32.98	37.83	42.68	47.53
3.98	8.83	13.68	18.53	23.38	82	28.23	33.08	37.93	42.78	47.63
4.07	8.92	13.77	18.62	23.47	84	28.32	33.17	38.02	42.87	47.72
4.17	9.02	13.87	18.72	23.57	86	28.42	33.27	38.12	42.97	47.82
4.27	9.12	13.97	18.82	23.67	88	28.52	33.37	38.22	43.07	47.92
4.37	9.22	14.07	18.92	23.77	90	28.62	33.47	38.32	43.17	48.02
4.46	9.31	14.16	19.01	23.86	92	28.71	33.56	38.41	43.26	48.11
4.56	9.41	14.26	19.11	23.96	94	28.81	33.66	38.51	43.36	48.21
4.66	9.51	14.36	19.21	24.06	96	28.91	33.76	38.61	43.46	48.31
4.75	9.60	14.45	19.30	24.15	98	29.00	33.85	38.70	43.55	48.40

## Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
485.00	48.50	97.00	145.50	194.00	242.50	291.00	339.50	388.00	436.50
533.50	53.35	106.70	155.05	203.55	271.50	320.00	368.50	417.00	465.50
582.00	58.20	116.40	164.60	213.00	301.00	350.00	400.00	450.00	500.00
630.50	63.05	126.10	174.15	222.50	330.50	380.00	430.00	480.00	530.00
679.00	67.90	135.80	183.70	232.00	360.00	410.00	460.00	510.00	560.00
727.50	72.75	145.50	193.25	241.50	390.00	440.00	490.00	540.00	590.00
776.00	77.60	155.20	202.80	251.00	420.00	470.00	520.00	570.00	620.00
824.50	82.45	164.90	212.35	260.50	450.00	500.00	550.00	600.00	650.00
873.00	87.30	174.60	221.90	270.00	480.00	530.00	580.00	630.00	680.00
921.50	92.15	184.30	231.45	279.50	510.00	560.00	610.00	660.00	710.00
970.00	97.00	194.00	241.00	289.00	540.00	590.00	640.00	690.00	740.00



\$4.87 1/2 Per 100

\$48.75 Per M.

175

2 to 98	100	200	300	400	feet	500	600	700	800	900
1	4.88	9.75	14.63	19.50		24.38	29.25	34.13	39.00	43.88
10	4.97	9.85	14.72	19.60	2	24.47	29.35	34.22	39.10	43.97
20	5.07	9.95	14.82	19.70	4	24.57	29.45	34.32	39.20	44.07
29	5.17	10.04	14.92	19.79	6	24.67	29.54	34.42	39.29	44.17
39	5.27	10.14	15.02	19.89	8	24.77	29.64	34.52	39.39	44.27
49	5.36	10.24	15.11	19.99	10	24.86	29.74	34.61	39.49	44.36
59	5.46	10.34	15.21	20.09	12	24.96	29.84	34.71	39.59	44.46
68	5.56	10.43	15.31	20.18	14	25.06	29.93	34.81	39.68	44.56
78	5.66	10.53	15.41	20.28	16	25.16	30.03	34.91	39.78	44.66
88	5.75	10.63	15.50	20.38	18	25.25	30.13	35.00	39.88	44.75
98	5.85	10.73	15.60	20.48	20	25.35	30.23	35.10	39.98	44.85
1.07	5.95	10.82	15.70	20.57	22	25.45	30.32	35.20	40.07	44.95
1.17	6.05	10.92	15.80	20.67	24	25.55	30.42	35.30	40.17	45.05
1.27	6.14	11.02	15.89	20.77	26	25.64	30.52	35.39	40.27	45.14
1.37	6.24	11.12	15.99	20.87	28	25.74	30.62	35.49	40.37	45.24
1.46	6.34	11.21	16.09	20.96	30	25.84	30.71	35.59	40.46	45.34
1.56	6.44	11.31	16.19	21.06	32	25.94	30.81	35.69	40.56	45.44
1.66	6.53	11.41	16.28	21.16	34	26.03	30.91	35.78	40.66	45.53
1.76	6.63	11.51	16.38	21.26	36	26.13	31.01	35.88	40.76	45.63
1.85	6.73	11.60	16.48	21.35	38	26.23	31.10	35.98	40.85	45.73
1.95	6.83	11.70	16.58	21.45	40	26.33	31.20	36.08	40.95	45.83
2.05	6.92	11.80	16.67	21.55	42	26.42	31.30	36.17	41.05	45.92
2.15	7.02	11.90	16.77	21.65	44	26.52	31.40	36.27	41.15	46.02
2.24	7.12	11.99	16.87	21.74	46	26.62	31.49	36.37	41.24	46.12
2.34	7.22	12.09	16.97	21.84	48	26.72	31.59	36.47	41.34	46.22
2.44	7.31	12.19	17.06	21.94	50	26.81	31.69	36.56	41.44	46.31

2 to 98	100	200	300	400	feet	500	600	700	800	900
2.54	7.41	12.29	17.16	22.04	52	26.91	31.79	36.66	41.54	46.41
2.63	7.51	12.38	17.26	22.13	54	27.01	31.88	36.76	41.63	46.51
2.73	7.61	12.48	17.36	22.23	56	27.11	31.98	36.86	41.73	46.61
2.83	7.70	12.58	17.45	22.33	58	27.20	32.08	36.95	41.83	46.70
2.93	7.80	12.68	17.55	22.43	60	27.30	32.18	37.05	41.93	46.80
3.02	7.90	12.77	17.65	22.52	62	27.40	32.27	37.15	42.02	46.90
3.12	8.00	12.87	17.75	22.62	64	27.50	32.37	37.25	42.12	47.00
3.22	8.09	12.97	17.84	22.72	66	27.59	32.47	37.34	42.22	47.09
3.32	8.19	13.07	17.94	22.82	68	27.69	32.57	37.44	42.32	47.19
3.41	8.29	13.16	18.04	22.91	70	27.79	32.66	37.54	42.41	47.29
3.51	8.39	13.26	18.14	23.01	72	27.89	32.76	37.64	42.51	47.39
3.61	8.48	13.36	18.23	23.11	74	27.98	32.86	37.73	42.61	47.48
3.71	8.58	13.46	18.33	23.21	76	28.08	32.96	37.83	42.71	47.58
3.80	8.68	13.55	18.43	23.30	78	28.18	33.05	37.93	42.80	47.68
3.90	8.78	13.65	18.53	23.40	80	28.28	33.15	38.03	42.90	47.78
4.00	8.87	13.75	18.62	23.50	82	28.37	33.25	38.12	43.00	47.87
4.10	8.97	13.85	18.72	23.60	84	28.47	33.35	38.22	43.10	47.97
4.19	9.07	13.94	18.82	23.69	86	28.57	33.44	38.32	43.19	48.07
4.29	9.17	14.04	18.92	23.79	88	28.67	33.54	38.42	43.29	48.17
4.39	9.26	14.14	19.01	23.89	90	28.76	33.64	38.51	43.39	48.26
4.49	9.36	14.24	19.11	23.99	92	28.86	33.74	38.61	43.49	48.36
4.58	9.46	14.33	19.21	24.08	94	28.96	33.83	38.71	43.58	48.46
4.68	9.56	14.43	19.31	24.18	96	29.06	33.93	38.81	43.68	48.56
4.78	9.65	14.53	19.40	24.28	98	29.15	34.03	38.90	43.78	48.65

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
48.75	97.50	146.25	195.00		243.75	292.50	341.25	390.00	438.75
487.50	536.25	585.00	633.75	682.50	10	731.25	780.00	828.75	877.50
975.00	1023.75	1072.50	1121.25	1170.00	20	1218.75	1267.50	1316.25	1365.00
									1413.75

\$54

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400 feet	500	600	700	800	900
10	4.90	9.80	14.70	19.60	24.50	29.40	34.30	39.20	44.10
20	5.00	9.90	14.80	19.70	24.60	29.50	34.40	39.30	44.20
29	5.10	10.00	14.90	19.80	24.70	29.60	34.50	39.40	44.30
39	5.19	10.09	14.99	19.89	24.79	29.69	34.59	39.49	44.39
49	5.29	10.19	15.09	19.99	24.89	29.79	34.69	39.59	44.49
59	5.39	10.29	15.19	20.09	24.99	29.89	34.79	39.69	44.59
69	5.49	10.39	15.29	20.19	25.09	29.99	34.89	39.79	44.69
78	5.59	10.49	15.39	20.29	25.19	30.09	34.99	39.89	44.79
88	5.68	10.58	15.48	20.38	25.28	30.18	35.08	39.98	44.88
98	5.78	10.68	15.58	20.48	25.38	30.28	35.18	40.08	44.98
1.08	5.88	10.78	15.68	20.58	25.48	30.38	35.28	40.18	45.08
1.18	5.98	10.88	15.78	20.68	25.58	30.48	35.38	40.28	45.18
1.27	6.08	10.98	15.88	20.78	25.68	30.58	35.48	40.38	45.28
1.37	6.17	11.07	15.97	20.87	25.77	30.67	35.57	40.47	45.37
1.47	6.27	11.17	16.07	20.97	25.87	30.77	35.67	40.57	45.47
1.57	6.37	11.27	16.17	21.07	25.97	30.87	35.77	40.67	45.57
1.67	6.47	11.37	16.27	21.17	26.07	30.97	35.87	40.77	45.67
1.76	6.57	11.47	16.37	21.27	26.17	31.07	35.97	40.87	45.77
1.86	6.66	11.56	16.46	21.36	26.26	31.16	36.06	40.96	45.86
1.96	6.76	11.66	16.56	21.46	26.36	31.26	36.16	41.06	45.96
2.06	6.86	11.76	16.66	21.56	26.46	31.36	36.26	41.16	46.06
2.16	6.96	11.86	16.76	21.66	26.56	31.46	36.36	41.26	46.16
2.25	7.06	11.96	16.86	21.76	26.66	31.56	36.46	41.36	46.26
2.35	7.15	12.05	16.95	21.85	26.75	31.65	36.55	41.45	46.35
2.45	7.25	12.15	17.05	21.95	26.85	31.75	36.65	41.55	46.45
2.55	7.35	12.25	17.15	22.05	26.95	31.85	36.75	41.65	46.55

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.55	7.45	12.35	17.25	22.15	27.05	31.95	36.85	41.75	46.65
2.65	7.55	12.45	17.35	22.25	27.15	32.05	36.95	41.85	46.75
2.74	7.64	12.54	17.44	22.34	27.24	32.14	37.04	41.94	46.84
2.84	7.74	12.64	17.54	22.44	27.34	32.24	37.14	42.04	46.94
2.94	7.84	12.74	17.64	22.54	27.44	32.34	37.24	42.14	47.04
3.04	7.94	12.84	17.74	22.64	27.54	32.44	37.34	42.24	47.14
3.14	8.04	12.94	17.84	22.74	27.64	32.54	37.44	42.34	47.24
3.23	8.13	13.03	17.93	22.83	27.73	32.63	37.53	42.43	47.33
3.33	8.23	13.13	18.03	22.93	27.83	32.73	37.63	42.53	47.43
3.43	8.33	13.23	18.13	23.03	27.93	32.83	37.73	42.63	47.53
3.53	8.43	13.33	18.23	23.13	28.03	32.93	37.83	42.73	47.63
3.63	8.53	13.43	18.33	23.23	28.13	33.03	37.93	42.83	47.73
3.72	8.62	13.52	18.42	23.32	28.22	33.12	38.02	42.92	47.82
3.82	8.72	13.62	18.52	23.42	28.32	33.22	38.12	43.02	47.92
3.92	8.82	13.72	18.62	23.52	28.42	33.32	38.22	43.12	48.02
4.02	8.92	13.82	18.72	23.62	28.52	33.42	38.32	43.22	48.12
4.12	9.02	13.92	18.82	23.72	28.62	33.52	38.42	43.32	48.22
4.21	9.11	14.01	18.91	23.81	28.71	33.61	38.51	43.41	48.31
4.31	9.21	14.11	19.01	23.91	28.81	33.71	38.61	43.51	48.41
4.41	9.31	14.21	19.11	24.01	28.91	33.81	38.71	43.61	48.51
4.51	9.41	14.31	19.21	24.11	29.01	33.91	38.81	43.71	48.61
4.61	9.51	14.41	19.31	24.21	29.11	34.01	38.91	43.81	48.71
4.70	9.60	14.50	19.40	24.30	29.20	34.10	39.00	43.90	48.80
4.80	9.70	14.60	19.50	24.40	29.30	34.20	39.10	44.00	48.90

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
49.00	98.00	147.00	196.00	10	245.00	294.00	343.00	392.00	441.00
490.00	539.00	588.00	637.00	686.00	110	785.00	784.00	833.00	882.00
980.00	1029.00	1078.00	1127.00	1176.00	210	1225.00	1274.00	1323.00	1372.00



\$4.92½ Per 100

\$49.25 Per M.

177

2 to 98	100	200	300	400 feet	500	600	700	800	900
4.93	9.85	14.78	19.70	24.63	29.55	34.48	39.40	44.33	
10	5.02	9.95	14.87	19.80	24.72	29.65	34.57	39.50	44.42
20	5.12	10.05	14.97	19.90	24.82	29.75	34.67	39.60	44.52
30	5.22	10.15	15.07	20.00	24.92	29.85	34.77	39.70	44.62
39	5.32	10.24	15.17	20.09	25.02	29.94	34.87	39.79	44.72
49	5.42	10.34	15.27	20.19	25.12	30.04	34.97	39.89	44.82
59	5.52	10.44	15.37	20.29	25.22	30.14	35.07	39.99	44.92
69	5.61	10.54	15.46	20.39	25.31	30.24	35.16	40.09	45.01
79	5.71	10.64	15.56	20.49	25.41	30.34	35.26	40.19	45.11
89	5.81	10.74	15.66	20.59	25.51	30.44	35.36	40.29	45.21
99	5.91	10.84	15.76	20.69	25.61	30.54	35.46	40.39	45.31
108	6.01	10.93	15.86	20.78	25.71	30.63	35.56	40.48	45.41
118	6.11	11.03	15.96	20.88	25.81	30.73	35.66	40.58	45.51
128	6.21	11.13	16.06	20.98	25.91	30.83	35.76	40.68	45.61
138	6.30	11.23	16.15	21.08	26.00	30.93	35.85	40.78	45.70
148	6.40	11.33	16.25	21.18	26.10	31.03	35.95	40.88	45.80
158	6.50	11.43	16.35	21.28	26.20	31.13	36.05	40.98	45.90
167	6.60	11.52	16.45	21.37	26.30	31.22	36.15	41.07	46.00
177	6.70	11.62	16.55	21.47	26.40	31.32	36.25	41.17	46.10
187	6.80	11.72	16.65	21.57	26.50	31.42	36.35	41.27	46.20
197	6.90	11.82	16.75	21.67	26.60	31.52	36.45	41.37	46.30
207	6.99	11.92	16.84	21.77	26.69	31.62	36.54	41.47	46.39
217	7.09	12.02	16.94	21.87	26.79	31.72	36.64	41.57	46.49
227	7.19	12.12	17.04	21.97	26.89	31.82	36.74	41.67	46.59
236	7.29	12.21	17.14	22.06	26.99	31.91	36.84	41.76	46.69
246	7.39	12.31	17.24	22.16	27.09	32.01	36.94	41.86	46.79

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.56	7.49	12.41	17.34	22.26	27.19	32.11	37.04	41.96	46.89
2.66	7.58	12.51	17.43	22.36	27.28	32.21	37.13	42.06	46.98
2.76	7.68	12.61	17.53	22.46	27.38	32.31	37.23	42.16	47.08
2.86	7.78	12.71	17.63	22.56	27.48	32.41	37.33	42.26	47.18
2.96	7.88	12.81	17.73	22.66	27.58	32.51	37.43	42.36	47.28
3.05	7.98	12.90	17.83	22.75	27.68	32.60	37.53	42.45	47.38
3.15	8.08	13.00	17.93	22.85	27.78	32.70	37.63	42.55	47.48
3.25	8.18	13.10	18.03	22.95	27.88	32.80	37.73	42.65	47.58
3.35	8.27	13.20	18.12	23.05	27.97	32.90	37.82	42.75	47.67
3.45	8.37	13.30	18.22	23.15	28.07	33.00	37.92	42.85	47.77
3.55	8.47	13.40	18.32	23.25	28.17	33.10	38.02	42.95	47.87
3.64	8.57	13.49	18.42	23.34	28.27	33.19	38.12	43.04	47.97
3.74	8.67	13.59	18.52	23.44	28.37	33.29	38.22	43.14	48.07
3.84	8.77	13.69	18.62	23.54	28.47	33.39	38.32	43.24	48.17
3.94	8.87	13.79	18.72	23.64	28.57	33.49	38.42	43.34	48.27
4.04	8.96	13.89	18.81	23.74	28.66	33.59	38.51	43.44	48.36
4.14	9.06	13.99	18.91	23.84	28.76	33.69	38.61	43.54	48.46
4.24	9.16	14.09	19.01	23.94	28.86	33.79	38.71	43.64	48.56
4.33	9.26	14.18	19.11	24.03	28.96	33.88	38.81	43.73	48.66
4.43	9.36	14.28	19.21	24.13	29.06	33.98	38.91	43.83	48.76
4.53	9.46	14.38	19.31	24.23	29.16	34.08	39.01	43.93	48.86
4.63	9.55	14.48	19.40	24.33	29.25	34.18	39.10	44.03	48.95
4.73	9.65	14.58	19.50	24.43	29.35	34.28	39.20	44.13	49.05
4.83	9.75	14.68	19.60	24.53	29.45	34.38	39.30	44.23	49.15

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
49.25	98.50	147.75	197.00		248.25	295.50	344.75	394.00	443.25
492.50	541.75	591.00	640.25	689.50	738.75	788.00	837.25	886.50	935.75
985.00	1034.25	1083.50	1132.75	1182.00	1231.25	1280.50	1329.75	1379.00	1428.25

\$54

\$49

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
10	4.95	9.90	14.85	19.80	2	24.75	29.70	34.65	39.60	44.55
20	5.05	10.00	14.95	19.90	4	24.85	29.80	34.75	39.70	44.65
30	5.15	10.10	15.05	20.00	6	24.95	29.90	34.85	39.80	44.75
40	5.25	10.20	15.15	20.10	8	25.05	30.00	34.95	39.90	44.85
50	5.35	10.30	15.25	20.20	10	25.15	30.10	35.05	40.00	44.95
59	5.45	10.40	15.35	20.30	12	25.25	30.20	35.15	40.10	45.05
69	5.54	10.49	15.44	20.39	14	25.34	30.29	35.24	40.19	45.14
79	5.64	10.59	15.54	20.49	16	25.44	30.39	35.34	40.29	45.24
89	5.74	10.69	15.64	20.59	18	25.54	30.49	35.44	40.39	45.34
99	5.84	10.79	15.74	20.69	20	25.64	30.59	35.54	40.49	45.44
1.09	5.94	10.89	15.84	20.79	22	25.74	30.69	35.64	40.59	45.54
1.19	6.04	10.99	15.94	20.89	24	25.84	30.79	35.74	40.69	45.64
1.29	6.14	11.09	16.04	20.99	26	25.94	30.89	35.84	40.79	45.74
1.39	6.24	11.19	16.14	21.09	28	26.04	30.99	35.94	40.89	45.84
1.49	6.34	11.29	16.24	21.19	30	26.14	31.09	36.04	40.99	45.94
1.58	6.44	11.39	16.34	21.29	32	26.24	31.19	36.14	41.09	46.04
1.68	6.53	11.48	16.43	21.38	34	26.33	31.28	36.23	41.18	46.13
1.78	6.63	11.58	16.53	21.48	36	26.43	31.38	36.33	41.28	46.23
1.88	6.73	11.68	16.63	21.58	38	26.53	31.48	36.43	41.38	46.33
1.98	6.83	11.78	16.73	21.68	40	26.63	31.58	36.53	41.48	46.43
2.08	6.93	11.88	16.83	21.78	42	26.73	31.68	36.63	41.58	46.53
2.18	7.03	11.98	16.93	21.88	44	26.83	31.78	36.73	41.68	46.63
2.28	7.13	12.08	17.03	21.98	46	26.93	31.88	36.83	41.78	46.73
2.38	7.23	12.18	17.13	22.08	48	27.03	31.98	36.93	41.88	46.83
2.48	7.33	12.28	17.23	22.18	50	27.13	32.08	37.03	41.98	46.93
2.57	7.43	12.38	17.33	22.28	52	27.23	32.18	37.13	42.08	47.03
2 to 98	100	200	300	400	feet	500	600	700	800	900
2.57	7.52	12.47	17.42	22.37	52	27.32	32.27	37.22	42.17	47.12
2.67	7.62	12.57	17.52	22.47	54	27.42	32.37	37.32	42.27	47.22
2.77	7.72	12.67	17.62	22.57	56	27.52	32.47	37.42	42.37	47.32
2.87	7.82	12.77	17.72	22.67	58	27.62	32.57	37.52	42.47	47.42
2.97	7.92	12.87	17.82	22.77	60	27.72	32.67	37.62	42.57	47.52
3.07	8.02	12.97	17.92	22.87	62	27.82	32.77	37.72	42.67	47.62
3.17	8.12	13.07	18.02	22.97	64	27.92	32.87	37.82	42.77	47.72
3.27	8.22	13.17	18.12	23.07	66	28.02	32.97	37.92	42.87	47.82
3.37	8.32	13.27	18.22	23.17	68	28.12	33.07	38.02	42.97	47.92
3.47	8.42	13.37	18.32	23.27	70	28.22	33.17	38.12	43.07	48.02
3.56	8.51	13.46	18.41	23.36	72	28.31	33.26	38.21	43.16	48.11
3.66	8.61	13.56	18.51	23.46	74	28.41	33.36	38.31	43.26	48.21
3.76	8.71	13.66	18.61	23.56	76	28.51	33.46	38.41	43.36	48.31
3.86	8.81	13.76	18.71	23.66	78	28.61	33.56	38.51	43.46	48.41
3.96	8.91	13.86	18.81	23.76	80	28.71	33.66	38.61	43.56	48.51
4.06	9.01	13.96	18.91	23.86	82	28.81	33.76	38.71	43.66	48.61
4.16	9.11	14.06	19.01	23.96	84	28.91	33.86	38.81	43.76	48.71
4.26	9.21	14.16	19.11	24.06	86	29.01	33.96	38.91	43.86	48.81
4.36	9.31	14.26	19.21	24.16	88	29.11	34.06	39.01	43.96	48.91
4.46	9.41	14.36	19.31	24.26	90	29.21	34.16	39.11	44.06	49.01
4.55	9.50	14.45	19.40	24.35	92	29.30	34.25	39.20	44.15	49.10
4.65	9.60	14.55	19.50	24.45	94	29.40	34.35	39.30	44.25	49.20
4.75	9.70	14.65	19.60	24.55	96	29.50	34.45	39.40	44.35	49.30
4.85	9.80	14.75	19.70	24.65	98	29.60	34.55	39.50	44.45	49.40

Above 1 M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
495.00	49.50	99.00	148.50	198.00	247.50	297.00	346.50	396.00	445.50
595.00	54.50	109.00	163.50	213.00	267.50	317.00	366.50	416.00	465.50
695.00	64.50	129.00	183.50	233.00	287.50	337.00	386.50	436.00	485.50
795.00	74.50	149.00	203.50	253.00	307.50	357.00	406.50	456.00	505.50
895.00	84.50	169.00	223.50	273.00	327.50	377.00	426.50	476.00	525.50
995.00	94.50	189.00	243.50	293.00	347.50	397.00	446.50	496.00	545.50



\$4.97½ Per 100

\$49.75 Per M.

173

2 to 98	100	200	300	400 feet	500	600	700	800	900
00.65	4.98	9.95	14.93	19.90	24.88	29.85	34.83	39.80	44.78
01.10	5.07	10.05	15.02	20.00	24.97	29.95	34.92	39.90	44.87
02.20	5.17	10.15	15.12	20.10	25.07	30.05	35.02	40.00	44.97
03.30	5.27	10.25	15.22	20.20	25.17	30.15	35.12	40.10	45.07
04.40	5.37	10.35	15.32	20.30	25.27	30.25	35.22	40.20	45.17
05.50	5.47	10.45	15.42	20.40	25.37	30.35	35.32	40.30	45.27
06.60	5.57	10.55	15.52	20.50	25.47	30.45	35.42	40.40	45.31
07.70	5.67	10.65	15.62	20.60	25.57	30.55	35.52	40.50	45.41
08.80	5.77	10.75	15.72	20.70	25.67	30.65	35.62	40.60	45.57
09.90	5.87	10.85	15.82	20.80	25.77	30.75	35.72	40.70	45.67
1.00	5.97	10.95	15.92	20.90	25.87	30.85	35.82	40.80	45.77
1.09	6.07	11.04	16.02	20.99	25.97	30.94	35.92	40.89	45.87
1.19	6.17	11.14	16.12	21.09	26.07	31.04	36.02	40.99	45.97
1.29	6.27	11.24	16.22	21.19	26.17	31.14	36.12	41.09	46.07
1.39	6.37	11.34	16.32	21.29	26.27	31.24	36.22	41.19	46.17
1.49	6.47	11.44	16.42	21.39	26.37	31.34	36.32	41.29	46.27
1.59	6.57	11.54	16.52	21.49	26.47	31.44	36.42	41.39	46.37
1.69	6.67	11.64	16.62	21.59	26.57	31.54	36.52	41.49	46.47
1.79	6.77	11.74	16.72	21.69	26.67	31.64	36.62	41.59	46.57
1.89	6.87	11.84	16.82	21.79	26.77	31.74	36.72	41.69	46.67
1.99	6.97	11.94	16.92	21.89	26.87	31.84	36.82	41.79	46.77
2.09	7.06	12.04	17.01	21.99	26.96	31.94	36.91	41.89	46.86
2.19	7.16	12.14	17.11	22.09	27.06	32.04	37.01	41.99	46.96
2.29	7.26	12.24	17.21	22.19	27.16	32.14	37.11	42.09	47.06
2.39	7.36	12.34	17.31	22.29	27.26	32.24	37.21	42.19	47.16
2.49	7.46	12.44	17.41	22.39	27.36	32.34	37.31	42.29	47.26

2 to 98	100	200	300	400 feet	500	600	700	800	900
2.59	7.56	12.54	17.51	22.49	27.46	32.44	37.41	42.39	47.36
2.69	7.66	12.64	17.61	22.59	27.56	32.54	37.51	42.49	47.46
2.79	7.76	12.74	17.71	22.69	27.66	32.64	37.61	42.59	47.56
2.89	7.86	12.84	17.81	22.79	27.76	32.74	37.71	42.69	47.66
2.99	7.96	12.94	17.91	22.89	27.86	32.84	37.81	42.79	47.76
3.08	8.06	13.03	18.01	22.98	27.96	32.93	37.91	42.88	47.86
3.18	8.16	13.13	18.11	23.08	28.06	33.03	38.01	42.98	47.96
3.28	8.26	13.23	18.21	23.18	28.16	33.13	38.11	43.08	48.06
3.38	8.36	13.33	18.31	23.28	28.26	33.23	38.21	43.18	48.16
3.48	8.46	13.43	18.41	23.38	28.36	33.33	38.31	43.28	48.26
3.58	8.56	13.53	18.51	23.48	28.46	33.43	38.41	43.38	48.36
3.68	8.66	13.63	18.61	23.58	28.56	33.53	38.51	43.48	48.46
3.78	8.76	13.73	18.71	23.68	28.66	33.63	38.61	43.58	48.56
3.88	8.86	13.83	18.81	23.78	28.76	33.73	38.71	43.68	48.66
3.98	8.96	13.93	18.91	23.88	28.86	33.83	38.81	43.78	48.76
4.08	9.05	14.03	19.00	23.98	28.95	33.93	38.90	43.88	48.85
4.18	9.15	14.13	19.10	24.08	29.05	34.03	39.00	43.98	48.95
4.28	9.25	14.23	19.20	24.18	29.15	34.13	39.10	44.08	49.05
4.38	9.35	14.33	19.30	24.28	29.25	34.23	39.20	44.18	49.15
4.48	9.45	14.43	19.40	24.38	29.35	34.33	39.30	44.28	49.25
4.58	9.55	14.53	19.50	24.48	29.45	34.43	39.40	44.38	49.35
4.68	9.65	14.63	19.60	24.58	29.55	34.53	39.50	44.48	49.45
4.78	9.75	14.73	19.70	24.68	29.65	34.63	39.60	44.58	49.55
4.88	9.85	14.83	19.80	24.78	29.75	34.73	39.70	44.68	49.65

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
00.00	49.75	99.50	149.25	199.00	248.75	298.50	348.25	398.00	447.75
497.50	547.25	597.00	646.75	696.50	746.25	796.00	845.75	895.50	945.25
995.00	1044.75	1094.50	1144.25	1194.00	1243.75	1293.50	1343.25	1393.00	1442.75

\$54

\$50

\$51

\$52

\$53

2 to 98	100	200	300	400	feet	500	600	700	800	900
1.10	5.00	10.00	15.00	20.00	2	25.00	30.00	35.00	40.00	45.00
1.20	5.10	10.10	15.10	20.10	4	25.10	30.10	35.10	40.10	45.10
1.30	5.20	10.20	15.20	20.20	6	25.20	30.20	35.20	40.20	45.20
1.40	5.30	10.30	15.30	20.30	8	25.30	30.30	35.30	40.30	45.30
1.50	5.40	10.40	15.40	20.40	10	25.40	30.40	35.40	40.40	45.40
1.60	5.50	10.50	15.50	20.50	12	25.50	30.50	35.50	40.50	45.50
1.70	5.60	10.60	15.60	20.60	14	25.60	30.60	35.60	40.60	45.60
1.80	5.70	10.70	15.70	20.70	16	25.70	30.70	35.70	40.70	45.70
1.90	5.80	10.80	15.80	20.80	18	25.80	30.80	35.80	40.80	45.80
2.00	5.90	10.90	15.90	20.90	20	25.90	30.90	35.90	40.90	45.90
2.10	6.00	11.00	16.00	21.00	22	26.00	31.00	36.00	41.00	46.00
2.20	6.10	11.10	16.10	21.10	24	26.10	31.10	36.10	41.10	46.10
2.30	6.20	11.20	16.20	21.20	26	26.20	31.20	36.20	41.20	46.20
2.40	6.30	11.30	16.30	21.30	28	26.30	31.30	36.30	41.30	46.30
2.50	6.40	11.40	16.40	21.40	30	26.40	31.40	36.40	41.40	46.40
2.60	6.50	11.50	16.50	21.50	32	26.50	31.50	36.50	41.50	46.50
2.70	6.60	11.60	16.60	21.60	34	26.60	31.60	36.60	41.60	46.60
2.80	6.70	11.70	16.70	21.70	36	26.70	31.70	36.70	41.70	46.70
2.90	6.80	11.80	16.80	21.80	38	26.80	31.80	36.80	41.80	46.80
3.00	6.90	11.90	16.90	21.90	40	26.90	31.90	36.90	41.90	46.90
3.10	7.00	12.00	17.00	22.00	42	27.00	32.00	37.00	42.00	47.00
3.20	7.10	12.10	17.10	22.10	44	27.10	32.10	37.10	42.10	47.10
3.30	7.20	12.20	17.20	22.20	46	27.20	32.20	37.20	42.20	47.20
3.40	7.30	12.30	17.30	22.30	48	27.30	32.30	37.30	42.30	47.30
3.50	7.40	12.40	17.40	22.40	50	27.40	32.40	37.40	42.40	47.40
3.60	7.50	12.50	17.50	22.50	52	27.50	32.50	37.50	42.50	47.50
3.70	7.60	12.60	17.60	22.60	54	27.60	32.60	37.60	42.60	47.60
3.80	7.70	12.70	17.70	22.70	56	27.70	32.70	37.70	42.70	47.70
3.90	7.80	12.80	17.80	22.80	58	27.80	32.80	37.80	42.80	47.80
4.00	7.90	12.90	17.90	22.90	60	27.90	32.90	37.90	42.90	47.90
4.10	8.00	13.00	18.00	23.00	62	28.00	33.00	38.00	43.00	48.00
4.20	8.10	13.10	18.10	23.10	64	28.10	33.10	38.10	43.10	48.10
4.30	8.20	13.20	18.20	23.20	66	28.20	33.20	38.20	43.20	48.20
4.40	8.30	13.30	18.30	23.30	68	28.30	33.30	38.30	43.30	48.30
4.50	8.40	13.40	18.40	23.40	70	28.40	33.40	38.40	43.40	48.40
4.60	8.50	13.50	18.50	23.50	72	28.50	33.50	38.50	43.50	48.50
4.70	8.60	13.60	18.60	23.60	74	28.60	33.60	38.60	43.60	48.60
4.80	8.70	13.70	18.70	23.70	76	28.70	33.70	38.70	43.70	48.70
4.90	8.80	13.80	18.80	23.80	78	28.80	33.80	38.80	43.80	48.80
5.00	8.90	13.90	18.90	23.90	80	28.90	33.90	38.90	43.90	48.90
5.10	9.00	14.00	19.00	24.00	82	29.00	34.00	39.00	44.00	49.00
5.20	9.10	14.10	19.10	24.10	84	29.10	34.10	39.10	44.10	49.10
5.30	9.20	14.20	19.20	24.20	86	29.20	34.20	39.20	44.20	49.20
5.40	9.30	14.30	19.30	24.30	88	29.30	34.30	39.30	44.30	49.30
5.50	9.40	14.40	19.40	24.40	90	29.40	34.40	39.40	44.40	49.40
5.60	9.50	14.50	19.50	24.50	92	29.50	34.50	39.50	44.50	49.50
5.70	9.60	14.60	19.60	24.60	94	29.60	34.60	39.60	44.60	49.60
5.80	9.70	14.70	19.70	24.70	96	29.70	34.70	39.70	44.70	49.70
5.90	9.80	14.80	19.80	24.80	98	29.80	34.80	39.80	44.80	49.80
6.00	9.90	14.90	19.90	24.90	100	29.90	34.90	39.90	44.90	49.90

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
50.00	100.00	150.00	200.00	10	250.00	300.00	350.00	400.00	450.00
550.00	600.00	650.00	700.00	11	750.00	800.00	850.00	900.00	950.00
1000.00	1050.00	1100.00	1150.00	12	1250.00	1300.00	1350.00	1400.00	1450.00



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.03	10.05	15.08	20.10	25.13	30.15	35.18	40.20	45.23	
10	5.13	10.15	15.18	20.20	25.23	30.25	35.28	40.30	45.33
20	5.23	10.25	15.28	20.30	25.33	30.35	35.38	40.40	45.43
30	5.33	10.35	15.38	20.40	25.43	30.45	35.48	40.50	45.53
40	5.43	10.45	15.48	20.50	25.53	30.55	35.58	40.60	45.63
50	5.53	10.55	15.58	20.60	25.63	30.65	35.68	40.70	45.73
60	5.63	10.65	15.68	20.70	25.73	30.75	35.78	40.80	45.83
70	5.73	10.75	15.78	20.80	25.83	30.85	35.88	40.90	45.93
80	5.83	10.85	15.88	20.90	25.93	30.95	35.98	41.00	46.03
90	5.93	10.95	15.98	21.00	26.03	31.05	36.08	41.10	46.13
1.01	6.03	11.06	16.08	21.11	26.13	31.16	36.18	41.21	46.23
1.11	6.13	11.16	16.18	21.21	26.23	31.26	36.28	41.31	46.33
1.21	6.23	11.26	16.28	21.31	26.33	31.36	36.38	41.41	46.43
1.31	6.33	11.36	16.38	21.41	26.43	31.46	36.48	41.51	46.53
1.41	6.43	11.46	16.48	21.51	26.53	31.56	36.58	41.61	46.63
1.51	6.53	11.56	16.58	21.61	26.63	31.66	36.68	41.71	46.73
1.61	6.63	11.66	16.68	21.71	26.73	31.76	36.78	41.81	46.83
1.71	6.73	11.76	16.78	21.81	26.83	31.86	36.88	41.91	46.93
1.81	6.83	11.86	16.88	21.91	26.93	31.96	36.98	42.01	47.03
1.91	6.93	11.96	16.98	22.01	27.03	32.06	37.08	42.11	47.13
2.01	7.04	12.06	17.09	22.11	27.14	32.16	37.19	42.21	47.24
2.11	7.14	12.16	17.19	22.21	27.24	32.26	37.29	42.31	47.34
2.21	7.24	12.26	17.29	22.31	27.34	32.36	37.39	42.41	47.44
2.31	7.34	12.36	17.39	22.41	27.44	32.46	37.49	42.51	47.54
2.41	7.44	12.46	17.49	22.51	27.54	32.56	37.59	42.61	47.64
2.51	7.54	12.56	17.59	22.61	27.64	32.66	37.69	42.71	47.74

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.61	7.64	12.66	17.69	22.71	27.74	32.76	37.79	42.81	47.84
2.71	7.74	12.76	17.79	22.81	27.84	32.86	37.89	42.91	47.94
2.81	7.84	12.86	17.89	22.91	27.94	32.96	37.99	43.01	48.04
2.91	7.94	12.96	17.99	23.01	28.04	33.06	38.09	43.11	48.14
3.02	8.04	13.07	18.09	23.12	28.14	33.17	38.19	43.22	48.24
3.12	8.14	13.17	18.19	23.22	28.24	33.27	38.29	43.32	48.34
3.22	8.24	13.27	18.29	23.32	28.34	33.37	38.39	43.42	48.44
3.32	8.34	13.37	18.39	23.42	28.44	33.47	38.49	43.52	48.54
3.42	8.44	13.47	18.49	23.52	28.54	33.57	38.59	43.62	48.64
3.52	8.54	13.57	18.59	23.62	28.64	33.67	38.69	43.72	48.74
3.62	8.64	13.67	18.69	23.72	28.74	33.77	38.79	43.82	48.84
3.72	8.74	13.77	18.79	23.82	28.84	33.87	38.89	43.92	48.94
3.82	8.84	13.87	18.89	23.92	28.94	33.97	38.99	44.02	49.04
3.92	8.94	13.97	18.99	24.02	29.04	34.07	39.09	44.12	49.14
4.02	9.05	14.07	19.10	24.12	29.15	34.17	39.20	44.22	49.25
4.12	9.15	14.17	19.20	24.22	29.25	34.27	39.30	44.32	49.35
4.22	9.25	14.27	19.30	24.32	29.35	34.37	39.40	44.42	49.45
4.32	9.35	14.37	19.40	24.42	29.45	34.47	39.50	44.52	49.55
4.42	9.45	14.47	19.50	24.52	29.55	34.57	39.60	44.62	49.65
4.52	9.55	14.57	19.60	24.62	29.65	34.67	39.70	44.72	49.75
4.62	9.65	14.67	19.70	24.72	29.75	34.77	39.80	44.82	49.85
4.72	9.75	14.77	19.80	24.82	29.85	34.87	39.90	44.92	49.95
4.82	9.85	14.87	19.90	24.92	29.95	34.97	40.00	45.02	50.05
4.92	9.95	14.97	20.00	25.02	30.05	35.07	40.10	45.12	50.15

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
50.25	100.50	150.75	201.00	251.25	301.50	351.75	402.00	452.25	
502.50	552.75	603.00	653.25	703.50	753.75	804.00	854.25	904.50	954.75
1005.00	1055.25	1105.50	1155.75	1206.00	1256.25	1306.50	1356.75	1407.00	1457.25

\$54

\$50

\$51

\$52

\$53



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	5.05	10.10	15.15	20.20		25.25	30.30	35.35	40.40 45.45
10	5.15	10.20	15.25	20.30	2	25.35	30.40	35.45	40.50 45.55
20	5.25	10.30	15.35	20.40	4	25.45	30.50	35.55	40.60 45.65
30	5.35	10.40	15.45	20.50	6	25.55	30.60	35.65	40.70 45.75
40	5.45	10.50	15.55	20.60	8	25.65	30.70	35.75	40.80 45.85
51	5.56	10.61	15.66	20.71	10	25.76	30.81	35.86	40.91 45.96
61	5.66	10.71	15.76	20.81	12	25.86	30.91	35.96	41.01 46.06
71	5.76	10.81	15.86	20.91	14	25.96	31.01	36.06	41.11 46.16
81	5.86	10.91	15.96	21.01	16	26.06	31.11	36.16	41.21 46.26
91	5.96	11.01	16.06	21.11	18	26.16	31.21	36.26	41.31 46.36
1.01	6.06	11.11	16.16	21.21	20	26.26	31.31	36.36	41.41 46.46
1.11	6.16	11.21	16.26	21.31	22	26.36	31.41	36.46	41.51 46.56
1.21	6.26	11.31	16.36	21.41	24	26.46	31.51	36.56	41.61 46.66
1.31	6.36	11.41	16.46	21.51	26	26.56	31.61	36.66	41.71 46.76
1.41	6.46	11.51	16.56	21.61	28	26.66	31.71	36.76	41.81 46.86
1.52	6.57	11.62	16.67	21.72	30	26.77	31.82	36.87	41.92 46.97
1.62	6.67	11.72	16.77	21.82	32	26.87	31.92	36.97	42.02 47.07
1.72	6.77	11.82	16.87	21.92	34	26.97	32.02	37.07	42.12 47.17
1.82	6.87	11.92	16.97	22.02	36	27.07	32.12	37.17	42.22 47.27
1.92	6.97	12.02	17.07	22.12	38	27.17	32.22	37.27	42.32 47.37
2.02	7.07	12.12	17.17	22.22	40	27.27	32.32	37.37	42.42 47.47
2.12	7.17	12.22	17.27	22.32	42	27.37	32.42	37.47	42.52 47.57
2.22	7.27	12.32	17.37	22.42	44	27.47	32.52	37.57	42.62 47.67
2.32	7.37	12.42	17.47	22.52	46	27.57	32.62	37.67	42.72 47.77
2.42	7.47	12.52	17.57	22.62	48	27.67	32.72	37.77	42.82 47.87
2.53	7.58	12.63	17.68	22.73	50	27.78	32.83	37.88	42.93 47.98
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.63	7.68	12.73	17.78	22.83	52	27.88	32.93	37.98	43.03 48.08
2.73	7.78	12.83	17.88	22.93	54	27.98	33.03	38.08	43.13 48.18
2.83	7.88	12.93	17.98	23.03	56	28.08	33.13	38.18	43.23 48.28
2.93	7.98	13.03	18.08	23.13	58	28.18	33.23	38.28	43.33 48.38
3.03	8.08	13.13	18.18	23.23	60	28.28	33.33	38.38	43.43 48.48
3.13	8.18	13.23	18.28	23.33	62	28.38	33.43	38.48	43.53 48.58
3.23	8.28	13.33	18.38	23.43	64	28.48	33.53	38.58	43.63 48.68
3.33	8.38	13.43	18.48	23.53	66	28.58	33.63	38.68	43.73 48.78
3.43	8.48	13.53	18.58	23.63	68	28.68	33.73	38.78	43.83 48.88
3.54	8.59	13.64	18.69	23.74	70	28.79	33.84	38.89	43.94 48.99
3.64	8.69	13.74	18.79	23.84	72	28.89	33.94	38.99	44.04 49.09
3.74	8.79	13.84	18.89	23.94	74	28.99	34.04	39.09	44.14 49.19
3.84	8.89	13.94	18.99	24.04	76	29.09	34.14	39.19	44.24 49.29
3.94	8.99	14.04	19.09	24.14	78	29.19	34.24	39.29	44.34 49.39
4.04	9.09	14.14	19.19	24.24	80	29.29	34.34	39.39	44.44 49.49
4.14	9.19	14.24	19.29	24.34	82	29.39	34.44	39.49	44.54 49.59
4.24	9.29	14.34	19.39	24.44	84	29.49	34.54	39.59	44.64 49.69
4.34	9.39	14.44	19.49	24.54	86	29.59	34.64	39.69	44.74 49.79
4.44	9.49	14.54	19.59	24.64	88	29.69	34.74	39.79	44.84 49.89
4.55	9.60	14.65	19.70	24.75	90	29.80	34.85	39.90	44.95 50.00
4.65	9.70	14.75	19.80	24.85	92	29.90	34.95	40.00	45.05 50.10
4.75	9.80	14.85	19.90	24.95	94	30.00	35.05	40.10	45.15 50.20
4.85	9.90	14.95	20.00	25.05	96	30.10	35.15	40.20	45.25 50.30
4.95	10.00	15.05	20.10	25.15	98	30.20	35.25	40.30	45.35 50.40

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
50.50	101.00	151.50	202.00		252.50	303.00	353.50	404.00	454.50
505.00	555.50	606.00	656.50	707.00	10	757.50	808.00	858.50	909.00 959.50
1010.00	1060.50	1111.00	1161.50	1212.00	20	1262.50	1313.00	1363.50	1414.00 1464.50



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.08	10.15	15.23	20.30		25.38	30.45	35.53	40.60	45.68
5.10	10.25	15.33	20.40	2	25.48	30.55	35.63	40.70	45.78
5.20	10.35	15.43	20.50	4	25.58	30.65	35.73	40.80	45.88
5.30	10.45	15.53	20.60	6	25.68	30.75	35.83	40.90	45.98
5.41	10.56	15.63	20.71	8	25.78	30.86	35.93	41.01	46.08
5.51	10.66	15.73	20.81	10	25.88	30.96	36.03	41.11	46.18
5.61	10.76	15.83	20.91	12	25.98	31.06	36.13	41.21	46.28
5.71	10.86	15.94	21.01	14	26.09	31.16	36.24	41.31	46.39
5.81	10.96	16.04	21.11	16	26.19	31.26	36.34	41.41	46.49
5.91	11.06	16.14	21.21	18	26.29	31.36	36.44	41.51	46.59
6.02	11.17	16.24	21.32	20	26.39	31.47	36.54	41.62	46.69
6.12	11.27	16.34	21.42	22	26.49	31.57	36.64	41.72	46.79
6.22	11.37	16.44	21.52	24	26.59	31.67	36.74	41.82	46.89
6.32	11.47	16.54	21.62	26	26.69	31.77	36.84	41.92	46.99
6.42	11.57	16.65	21.72	28	26.80	31.87	36.95	42.02	47.10
6.52	11.67	16.75	21.82	30	26.90	31.97	37.05	42.12	47.20
6.62	11.77	16.85	21.92	32	27.00	32.07	37.15	42.22	47.30
6.73	11.88	16.95	22.03	34	27.10	32.18	37.25	42.33	47.40
6.83	11.98	17.05	22.13	36	27.20	32.28	37.35	42.43	47.50
6.93	12.08	17.15	22.23	38	27.30	32.38	37.45	42.53	47.60
7.03	12.18	17.26	22.33	40	27.41	32.48	37.56	42.63	47.71
7.13	12.28	17.36	22.43	42	27.51	32.58	37.66	42.73	47.81
7.23	12.38	17.46	22.53	44	27.61	32.68	37.76	42.83	47.91
7.33	12.48	17.56	22.63	46	27.71	32.78	37.86	42.93	48.01
7.44	12.59	17.66	22.74	48	27.81	32.89	37.96	43.04	48.11
7.54	12.69	17.76	22.84	50	27.91	32.99	38.06	43.14	48.21

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.64	7.71	12.79	17.86	22.94	52	28.01	33.09	38.16	43.24
2.74	7.82	12.89	17.97	23.04	54	28.12	33.19	38.27	43.34
2.84	7.92	12.99	18.07	23.14	56	28.22	33.29	38.37	43.44
2.94	8.02	13.09	18.17	23.24	58	28.32	33.39	38.47	43.54
3.05	8.12	13.20	18.27	23.35	60	28.42	33.50	38.57	43.65
3.15	8.22	13.30	18.37	23.45	62	28.52	33.60	38.67	43.75
3.25	8.32	13.40	18.47	23.55	64	28.62	33.70	38.77	43.85
3.35	8.42	13.50	18.57	23.65	66	28.72	33.80	38.87	43.95
3.45	8.53	13.60	18.68	23.75	68	28.83	33.90	38.98	44.05
3.55	8.63	13.70	18.78	23.85	70	28.93	34.00	39.08	44.15
3.65	8.73	13.80	18.88	23.95	72	29.03	34.10	39.18	44.25
3.76	8.83	13.91	18.98	24.06	74	29.13	34.21	39.28	44.36
3.86	8.93	14.01	19.08	24.16	76	29.23	34.31	39.38	44.46
3.96	9.03	14.11	19.18	24.26	78	29.33	34.41	39.48	44.56
4.06	9.14	14.21	19.29	24.36	80	29.44	34.51	39.59	44.66
4.16	9.24	14.31	19.39	24.46	82	29.54	34.61	39.69	44.76
4.26	9.34	14.41	19.49	24.56	84	29.64	34.71	39.79	44.86
4.36	9.44	14.51	19.59	24.66	86	29.74	34.81	39.89	44.96
4.47	9.54	14.62	19.69	24.77	88	29.84	34.92	39.99	45.07
4.57	9.64	14.72	19.79	24.87	90	29.94	35.02	40.09	45.17
4.67	9.74	14.82	19.89	24.97	92	30.04	35.12	40.19	45.27
4.77	9.85	14.92	20.00	25.07	94	30.15	35.22	40.30	45.37
4.87	9.95	15.02	20.10	25.17	96	30.25	35.32	40.40	45.47
4.97	10.05	15.12	20.20	25.27	98	30.35	35.42	40.50	45.57

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
50.75	101.50	152.25	203.00		253.75	304.50	355.25	406.00	456.75
507.50	558.25	609.00	659.75	10	761.25	812.00	862.75	913.50	964.25
1015.00	1065.75	1116.50	1167.25	20	1268.75	1319.50	1370.25	1421.00	1471.75

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2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
10	5.10	10.20	15.30	20.40		25.50	30.60	35.70	40.80	45.90
20	5.20	10.30	15.40	20.50	2	25.60	30.70	35.80	40.90	46.00
30	5.30	10.40	15.50	20.60	4	25.70	30.80	35.90	41.00	46.10
40	5.41	10.51	15.61	20.71	6	25.81	30.91	36.01	41.11	46.21
50	5.51	10.61	15.71	20.81	8	25.91	31.01	36.11	41.21	46.31
60	5.61	10.71	15.81	20.91	10	26.01	31.11	36.21	41.31	46.41
70	5.71	10.81	15.91	21.01	12	26.11	31.21	36.31	41.41	46.51
80	5.81	10.91	16.01	21.11	14	26.21	31.31	36.41	41.51	46.61
90	5.92	11.02	16.12	21.22	16	26.32	31.42	36.52	41.62	46.72
100	6.02	11.12	16.22	21.32	18	26.42	31.52	36.62	41.72	46.82
110	6.12	11.22	16.32	21.42	20	26.52	31.62	36.72	41.82	46.92
120	6.22	11.32	16.42	21.52	22	26.62	31.72	36.82	41.92	47.02
130	6.32	11.42	16.52	21.62	24	26.72	31.82	36.92	42.02	47.12
140	6.43	11.53	16.63	21.73	26	26.83	31.93	37.03	42.13	47.23
150	6.53	11.63	16.73	21.83	28	26.93	32.03	37.13	42.23	47.33
160	6.63	11.73	16.83	21.93	30	27.03	32.13	37.23	42.33	47.43
170	6.73	11.83	16.93	22.03	32	27.13	32.23	37.33	42.43	47.53
180	6.83	11.93	17.03	22.13	34	27.23	32.33	37.43	42.53	47.63
190	6.94	12.04	17.14	22.24	36	27.34	32.44	37.54	42.64	47.74
200	7.04	12.14	17.24	22.34	38	27.44	32.54	37.64	42.74	47.84
210	7.14	12.24	17.34	22.44	40	27.54	32.64	37.74	42.84	47.94
220	7.24	12.34	17.44	22.54	42	27.64	32.74	37.84	42.94	48.04
230	7.34	12.44	17.54	22.64	44	27.74	32.84	37.94	43.04	48.14
240	7.45	12.55	17.65	22.75	46	27.85	32.95	38.05	43.15	48.25
250	7.55	12.65	17.75	22.85	48	27.95	33.05	38.15	43.25	48.35
260	7.65	12.75	17.85	22.95	50	28.05	33.15	38.25	43.35	48.45

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
265	7.75	12.85	17.95	23.05	52	28.15	33.25	38.35	43.45	48.55
275	7.85	12.95	18.05	23.15	54	28.25	33.35	38.45	43.55	48.65
286	7.96	13.06	18.16	23.26	56	28.36	33.46	38.56	43.66	48.76
296	8.06	13.16	18.26	23.36	58	28.46	33.56	38.66	43.76	48.86
306	8.16	13.26	18.36	23.46	60	28.56	33.66	38.76	43.86	48.96
316	8.26	13.36	18.46	23.56	62	28.66	33.76	38.86	43.96	49.06
326	8.36	13.46	18.56	23.66	64	28.76	33.86	38.96	44.06	49.16
337	8.47	13.57	18.67	23.77	66	28.87	33.97	39.07	44.17	49.27
347	8.57	13.67	18.77	23.87	68	28.97	34.07	39.17	44.27	49.37
357	8.67	13.77	18.87	23.97	70	29.07	34.17	39.27	44.37	49.47
367	8.77	13.87	18.97	24.07	72	29.17	34.27	39.37	44.47	49.57
377	8.87	13.97	19.07	24.17	74	29.27	34.37	39.47	44.57	49.67
388	8.98	14.08	19.18	24.28	76	29.38	34.48	39.58	44.68	49.78
398	9.08	14.18	19.28	24.38	78	29.48	34.58	39.68	44.78	49.88
408	9.18	14.28	19.38	24.48	80	29.58	34.68	39.78	44.88	49.98
418	9.28	14.38	19.48	24.58	82	29.68	34.78	39.88	44.98	50.08
428	9.38	14.48	19.58	24.68	84	29.78	34.88	39.98	45.08	50.18
439	9.49	14.59	19.69	24.79	86	29.89	34.99	40.09	45.19	50.29
449	9.59	14.69	19.79	24.89	88	29.99	35.09	40.19	45.29	50.39
459	9.69	14.79	19.89	24.99	90	30.09	35.19	40.29	45.39	50.49
469	9.79	14.89	19.99	25.09	92	30.19	35.29	40.39	45.49	50.59
479	9.89	14.99	20.09	25.19	94	30.29	35.39	40.49	45.59	50.69
490	10.00	15.10	20.20	25.30	96	30.40	35.50	40.60	45.70	50.80
500	10.10	15.20	20.30	25.40	98	30.50	35.60	40.70	45.80	50.90

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
51.00	51.00	102.00	153.00	204.00	255.00	306.00	357.00	408.00	459.00
510.00	561.00	612.00	663.00	714.00	765.00	816.00	867.00	918.00	969.00
1020.00	1071.00	1122.00	1173.00	1224.00	1275.00	1326.00	1377.00	1428.00	1479.00



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.13	10.25	15.38	20.50		25.63	30.75	35.88	41.00	46.13
10	5.23	10.35	15.48	20.60	2	25.73	30.85	35.98	41.10
21	5.33	10.46	15.58	20.71	4	25.83	30.96	36.08	41.21
31	5.43	10.56	15.68	20.81	6	25.93	31.06	36.18	41.31
41	5.54	10.66	15.79	20.91	8	26.04	31.16	36.29	41.41
51	5.64	10.76	15.89	21.01	10	26.14	31.26	36.39	41.51
62	5.74	10.87	15.99	21.12	12	26.24	31.37	36.49	41.62
72	5.84	10.97	16.09	21.22	14	26.34	31.47	36.59	41.72
82	5.95	11.07	16.20	21.32	16	26.45	31.57	36.70	41.82
92	6.05	11.17	16.30	21.42	18	26.55	31.67	36.80	41.92
1.03	6.15	11.28	16.40	21.53	20	26.65	31.78	36.90	42.03
1.13	6.25	11.38	16.50	21.63	22	26.75	31.88	37.00	42.13
1.23	6.36	11.48	16.61	21.73	24	26.86	31.98	37.11	42.23
1.33	6.46	11.58	16.71	21.83	26	26.96	32.08	37.21	42.33
1.44	6.56	11.69	16.81	21.94	28	27.06	32.19	37.31	42.44
1.54	6.66	11.79	16.91	22.04	30	27.16	32.29	37.41	42.54
1.64	6.77	11.89	17.02	22.14	32	27.27	32.39	37.52	42.64
1.74	6.87	11.99	17.12	22.24	34	27.37	32.49	37.62	42.74
1.85	6.97	12.10	17.22	22.35	36	27.47	32.60	37.72	42.85
1.95	7.07	12.20	17.32	22.45	38	27.57	32.70	37.82	42.95
2.05	7.18	12.30	17.43	22.55	40	27.68	32.80	37.93	43.05
2.15	7.28	12.40	17.53	22.65	42	27.78	32.90	38.03	43.15
2.26	7.38	12.51	17.63	22.76	44	27.88	33.01	38.13	43.26
2.36	7.48	12.61	17.73	22.86	46	27.98	33.11	38.23	43.36
2.46	7.59	12.71	17.84	22.96	48	28.09	33.21	38.34	43.46
2.56	7.69	12.81	17.94	23.06	50	28.19	33.31	38.44	43.56

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.67	7.79	12.92	18.04	23.17	52	28.29	33.42	38.54	43.67
2.77	7.89	13.02	18.14	23.27	54	28.39	33.52	38.64	43.77
2.87	8.00	13.12	18.25	23.37	56	28.50	33.62	38.75	43.87
2.97	8.10	13.22	18.35	23.47	58	28.60	33.72	38.85	43.97
3.08	8.20	13.33	18.45	23.58	60	28.70	33.83	38.95	44.08
3.18	8.30	13.43	18.55	23.68	62	28.80	33.93	39.05	44.18
3.28	8.41	13.53	18.66	23.78	64	28.91	34.03	39.16	44.28
3.38	8.51	13.63	18.76	23.88	66	29.01	34.13	39.26	44.38
3.49	8.61	13.74	18.86	23.99	68	29.11	34.24	39.36	44.49
3.59	8.71	13.84	18.96	24.09	70	29.21	34.34	39.46	44.59
3.69	8.82	13.94	19.07	24.19	72	29.32	34.44	39.57	44.69
3.79	8.92	14.04	19.17	24.29	74	29.42	34.54	39.67	44.79
3.90	9.02	14.15	19.27	24.40	76	29.52	34.65	39.77	44.90
4.00	9.12	14.25	19.37	24.50	78	29.62	34.75	39.87	45.00
4.10	9.23	14.35	19.48	24.60	80	29.73	34.85	39.98	45.10
4.20	9.33	14.45	19.58	24.70	82	29.83	34.95	40.08	45.20
4.31	9.43	14.56	19.68	24.81	84	29.93	35.06	40.18	45.31
4.41	9.53	14.66	19.78	24.91	86	30.03	35.16	40.28	45.41
4.51	9.64	14.76	19.89	25.01	88	30.14	35.26	40.39	45.51
4.61	9.74	14.86	19.99	25.11	90	30.24	35.36	40.49	45.61
4.72	9.84	14.97	20.09	25.22	92	30.34	35.47	40.59	45.72
4.82	9.94	15.07	20.19	25.32	94	30.44	35.57	40.69	45.82
4.92	10.05	15.17	20.30	25.42	96	30.55	35.67	40.80	45.92
5.02	10.15	15.27	20.40	25.52	98	30.65	35.77	40.90	46.02

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
51.25	102.50	153.75	205.00		256.25	307.50	358.75	410.00	461.25
512.50	563.75	615.00	666.25	717.50	10	768.75	820.00	871.25	922.50
1025.00	1076.25	1127.50	1178.75	1230.00	20	1281.25	1332.50	1383.75	1435.00

\$54

\$51

\$52

\$53

FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.15	10.30	15.45	20.60		25.75	30.90	36.05	41.20	46.35
5.25	10.40	15.55	20.70		25.85	31.00	36.15	41.30	46.45
5.36	10.51	15.66	20.81		25.96	31.11	36.26	41.41	46.56
5.46	10.61	15.76	20.91		26.06	31.21	36.36	41.51	46.66
5.56	10.71	15.86	21.01		26.16	31.31	36.46	41.61	46.76
5.67	10.82	15.97	21.12		26.27	31.42	36.57	41.72	46.87
5.77	10.92	16.07	21.22		26.37	31.52	36.67	41.82	46.97
5.87	11.02	16.17	21.32		26.47	31.62	36.77	41.92	47.07
5.97	11.12	16.27	21.42		26.57	31.72	36.87	42.02	47.17
6.08	11.23	16.38	21.53		26.68	31.83	36.98	42.13	47.28
6.18	11.33	16.48	21.63		26.78	31.93	37.08	42.23	47.38
6.28	11.43	16.58	21.73		26.88	32.03	37.18	42.33	47.48
6.39	11.54	16.69	21.84		26.99	32.14	37.29	42.44	47.59
6.49	11.64	16.79	21.94		27.09	32.24	37.39	42.54	47.69
6.59	11.74	16.89	22.04		27.19	32.34	37.49	42.64	47.79
6.70	11.85	17.00	22.15		27.30	32.45	37.60	42.75	47.90
6.80	11.95	17.10	22.25		27.40	32.55	37.70	42.85	48.00
6.90	12.05	17.20	22.35		27.50	32.65	37.80	42.95	48.10
7.00	12.15	17.30	22.45		27.60	32.75	37.90	43.05	48.20
7.11	12.26	17.41	22.56		27.71	32.86	38.01	43.16	48.31
7.21	12.36	17.51	22.66		27.81	32.96	38.11	43.26	48.41
7.31	12.46	17.61	22.76		27.91	33.06	38.21	43.36	48.51
7.42	12.57	17.72	22.87		28.02	33.17	38.32	43.47	48.62
7.52	12.67	17.82	22.97		28.12	33.27	38.42	43.57	48.72
7.62	12.77	17.92	23.07		28.22	33.37	38.52	43.67	48.82
7.73	12.88	18.03	23.18		28.33	33.48	38.63	43.78	48.93

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
7.83	12.98	18.13	23.28		28.43	33.58	38.73	43.88	49.03
7.93	13.08	18.23	23.38		28.53	33.68	38.83	43.98	49.13
8.03	13.18	18.33	23.48		28.63	33.78	38.93	44.08	49.23
8.14	13.29	18.44	23.59		28.74	33.89	39.04	44.19	49.34
8.24	13.39	18.54	23.69		28.84	33.99	39.14	44.29	49.44
8.34	13.49	18.64	23.79		28.94	34.09	39.24	44.39	49.54
8.45	13.60	18.75	23.90		29.05	34.20	39.35	44.50	49.65
8.55	13.70	18.85	24.00		29.15	34.30	39.45	44.60	49.75
8.65	13.80	18.95	24.10		29.25	34.40	39.55	44.70	49.85
8.76	13.91	19.06	24.21		29.36	34.51	39.66	44.81	49.96
8.86	14.01	19.16	24.31		29.46	34.61	39.76	44.91	50.06
8.96	14.11	19.26	24.41		29.56	34.71	39.86	45.01	50.16
9.06	14.21	19.36	24.51		29.66	34.81	39.96	45.11	50.26
9.17	14.32	19.47	24.62		29.77	34.92	40.07	45.22	50.37
9.27	14.42	19.57	24.72		29.87	35.02	40.17	45.32	50.47
9.37	14.52	19.67	24.82		29.97	35.12	40.27	45.42	50.57
9.48	14.63	19.78	24.93		30.08	35.23	40.38	45.53	50.68
9.58	14.73	19.88	25.03		30.18	35.33	40.48	45.63	50.78
9.68	14.83	19.98	25.13		30.28	35.43	40.58	45.73	50.88
9.79	14.94	20.09	25.24		30.39	35.54	40.69	45.84	50.99
9.89	15.04	20.19	25.34		30.49	35.64	40.79	45.94	51.09
9.99	15.14	20.29	25.44		30.59	35.74	40.89	46.04	51.19
10.09	15.24	20.39	25.54		30.69	35.84	40.99	46.14	51.29
10.20	15.35	20.50	25.65		30.80	35.95	41.10	46.25	51.40

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
51.50	103.00	154.50	206.00		257.50	309.00	360.50	412.00	463.50
566.50	618.00	669.50	721.00	10	772.50	824.00	875.50	927.00	978.50
1030.00	1081.50	1133.00	1184.50	20	1287.50	1339.00	1390.50	1442.00	1493.50



FEET					FEET					
2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
1.01	5.18	10.35	15.53	20.70	2	25.88	31.05	36.23	41.40	46.58
1.10	5.28	10.45	15.63	20.80	2	25.98	31.15	36.33	41.50	46.68
1.21	5.38	10.56	15.73	20.91	4	26.08	31.26	36.43	41.61	46.78
1.31	5.49	10.66	15.84	21.01	6	26.19	31.36	36.54	41.71	46.89
1.41	5.59	10.76	15.94	21.11	8	26.29	31.46	36.64	41.81	46.99
1.52	5.69	10.87	16.04	21.22	10	26.39	31.57	36.74	41.92	47.09
1.62	5.80	10.97	16.15	21.32	12	26.50	31.67	36.85	42.02	47.20
1.72	5.90	11.07	16.25	21.42	14	26.60	31.77	36.95	42.12	47.30
1.83	6.00	11.18	16.35	21.53	16	26.70	31.88	37.05	42.23	47.40
1.93	6.11	11.28	16.46	21.63	18	26.81	31.98	37.16	42.33	47.51
1.04	6.21	11.39	16.56	21.74	20	26.91	32.09	37.26	42.44	47.61
1.14	6.31	11.49	16.66	21.84	22	27.01	32.19	37.36	42.54	47.71
1.24	6.42	11.59	16.77	21.94	24	27.12	32.29	37.47	42.64	47.82
1.35	6.52	11.70	16.87	22.05	26	27.22	32.40	37.57	42.75	47.92
1.45	6.62	11.80	16.97	22.15	28	27.32	32.50	37.67	42.85	48.02
1.55	6.73	11.90	17.08	22.25	30	27.43	32.60	37.78	42.95	48.13
1.66	6.83	12.01	17.18	22.36	32	27.53	32.71	37.88	43.06	48.23
1.76	6.93	12.11	17.28	22.46	34	27.63	32.81	37.98	43.16	48.33
1.86	7.04	12.21	17.39	22.56	36	27.74	32.91	38.09	43.26	48.44
1.97	7.14	12.32	17.49	22.67	38	27.84	33.02	38.19	43.37	48.54
2.07	7.25	12.42	17.60	22.77	40	27.95	33.12	38.30	43.47	48.65
2.17	7.35	12.52	17.70	22.87	42	28.05	33.22	38.40	43.57	48.75
2.28	7.45	12.63	17.80	22.98	44	28.15	33.33	38.50	43.68	48.85
2.38	7.56	12.73	17.91	23.08	46	28.26	33.43	38.61	43.78	48.96
2.48	7.66	12.83	18.01	23.18	48	28.36	33.53	38.71	43.88	49.06
2.59	7.76	12.94	18.11	23.29	50	28.46	33.64	38.81	43.99	49.16

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
2.69	7.87	13.04	18.22	23.39	52	28.57	33.74	38.92	44.09	49.27
2.79	7.97	13.14	18.32	23.49	54	28.67	33.84	39.02	44.19	49.37
2.90	8.07	13.25	18.42	23.60	56	28.77	33.95	39.12	44.30	49.47
3.00	8.18	13.35	18.53	23.70	58	28.88	34.05	39.23	44.40	49.58
3.11	8.28	13.46	18.63	23.81	60	28.98	34.16	39.33	44.51	49.68
3.21	8.38	13.56	18.73	23.91	62	29.08	34.26	39.43	44.61	49.78
3.31	8.49	13.66	18.84	24.01	64	29.19	34.36	39.54	44.71	49.89
3.42	8.59	13.77	18.94	24.12	66	29.29	34.47	39.64	44.82	49.99
3.52	8.69	13.87	19.04	24.22	68	29.39	34.57	39.74	44.92	50.09
3.62	8.80	13.97	19.15	24.32	70	29.50	34.67	39.85	45.02	50.20
3.73	8.90	14.08	19.25	24.43	72	29.60	34.78	39.95	45.13	50.30
3.83	9.00	14.18	19.35	24.53	74	29.70	34.88	40.05	45.23	50.40
3.93	9.11	14.28	19.46	24.63	76	29.81	34.98	40.16	45.33	50.51
4.04	9.21	14.39	19.56	24.74	78	29.91	35.09	40.26	45.44	50.61
4.14	9.32	14.49	19.67	24.84	80	30.02	35.19	40.37	45.54	50.72
4.24	9.42	14.59	19.77	24.94	82	30.12	35.29	40.47	45.64	50.82
4.35	9.52	14.70	19.87	25.05	84	30.22	35.40	40.57	45.75	50.92
4.45	9.63	14.80	19.98	25.15	86	30.33	35.50	40.68	45.85	51.03
4.55	9.73	14.90	20.08	25.25	88	30.43	35.60	40.78	45.95	51.13
4.66	9.83	15.01	20.18	25.36	90	30.53	35.71	40.88	46.06	51.23
4.76	9.94	15.11	20.29	25.46	92	30.64	35.81	40.99	46.16	51.34
4.86	10.04	15.21	20.39	25.56	94	30.74	35.91	41.09	46.26	51.44
4.97	10.14	15.32	20.49	25.67	96	30.84	36.02	41.19	46.37	51.54
5.07	10.25	15.42	20.60	25.77	98	30.95	36.12	41.30	46.47	51.65

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
51.75	103.50	155.25	207.00			258.75	310.50	362.25	414.00	465.75
517.50	569.25	621.00	672.75	724.50	10	776.25	828.00	879.75	931.50	983.25
1035.00	1086.75	1138.50	1190.25	1242.00	20	1293.75	1345.50	1397.25	1449.00	1500.75

\$54

\$52

\$53

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
5.20	10.40	15.60	20.80		26.00	31.20	36.40	41.60	46.80
10	5.30	10.50	15.70	20.90	2	26.10	31.30	36.50	41.70 46.90
21	5.41	10.61	15.81	21.01	4	26.21	31.41	36.61	41.81 47.01
31	5.51	10.71	15.91	21.11	6	26.31	31.51	36.71	41.91 47.11
42	5.62	10.82	16.02	21.22	8	26.42	31.62	36.82	42.02 47.22
52	5.72	10.92	16.12	21.32	10	26.52	31.72	36.92	42.12 47.32
62	5.82	11.02	16.22	21.42	12	26.62	31.82	37.02	42.22 47.42
73	5.93	11.13	16.33	21.53	14	26.73	31.93	37.13	42.33 47.53
83	6.03	11.23	16.43	21.63	16	26.83	32.03	37.23	42.43 47.63
94	6.14	11.34	16.54	21.74	18	26.94	32.14	37.34	42.54 47.74
1.04	6.24	11.44	16.64	21.84	20	27.04	32.24	37.44	42.64 47.84
1.14	6.34	11.54	16.74	21.94	22	27.14	32.34	37.54	42.74 47.94
1.25	6.45	11.65	16.85	22.05	24	27.25	32.45	37.65	42.85 48.05
1.35	6.55	11.75	16.95	22.15	26	27.35	32.55	37.75	42.95 48.15
1.46	6.66	11.86	17.06	22.26	28	27.46	32.66	37.86	43.06 48.26
1.56	6.76	11.96	17.16	22.36	30	27.56	32.76	37.96	43.16 48.36
1.66	6.86	12.06	17.26	22.46	32	27.66	32.86	38.06	43.26 48.46
1.77	6.97	12.17	17.37	22.57	34	27.77	32.97	38.17	43.37 48.57
1.87	7.07	12.27	17.47	22.67	36	27.87	33.07	38.27	43.47 48.67
1.98	7.18	12.38	17.58	22.78	38	27.98	33.18	38.38	43.58 48.78
2.08	7.28	12.48	17.68	22.88	40	28.08	33.28	38.48	43.68 48.88
2.18	7.38	12.58	17.78	22.98	42	28.18	33.38	38.58	43.78 48.98
2.29	7.49	12.69	17.89	23.09	44	28.29	33.49	38.69	43.89 49.09
2.39	7.59	12.79	17.99	23.19	46	28.39	33.59	38.79	43.99 49.19
2.50	7.70	12.90	18.10	23.30	48	28.50	33.70	38.90	44.10 49.30
2.60	7.80	13.00	18.20	23.40	50	28.60	33.80	39.00	44.20 49.40

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.70	7.90	13.10	18.30	23.50	52	28.70	33.90	39.10	44.30 49.50
2.81	8.01	13.21	18.41	23.61	54	28.81	34.01	39.21	44.41 49.61
2.91	8.11	13.31	18.51	23.71	56	28.91	34.11	39.31	44.51 49.71
3.02	8.22	13.42	18.62	23.82	58	29.02	34.22	39.42	44.62 49.82
3.12	8.32	13.52	18.72	23.92	60	29.12	34.32	39.52	44.72 49.92
3.22	8.42	13.62	18.82	24.02	62	29.22	34.42	39.62	44.82 50.02
3.33	8.53	13.73	18.93	24.13	64	29.33	34.53	39.73	44.93 50.13
3.43	8.63	13.83	19.03	24.23	66	29.43	34.63	39.83	45.03 50.23
3.54	8.74	13.94	19.14	24.34	68	29.54	34.74	39.94	45.14 50.34
3.64	8.84	14.04	19.24	24.44	70	29.64	34.84	40.04	45.24 50.44
3.74	8.94	14.14	19.34	24.54	72	29.74	34.94	40.14	45.34 50.54
3.85	9.05	14.25	19.45	24.65	74	29.85	35.05	40.25	45.45 50.65
3.95	9.15	14.35	19.55	24.75	76	29.95	35.15	40.35	45.55 50.75
4.06	9.26	14.46	19.66	24.86	78	30.06	35.26	40.46	45.66 50.86
4.16	9.36	14.56	19.76	24.96	80	30.16	35.36	40.56	45.76 50.96
4.26	9.46	14.66	19.86	25.06	82	30.26	35.46	40.66	45.86 51.06
4.37	9.57	14.77	19.97	25.17	84	30.37	35.57	40.77	45.97 51.17
4.47	9.67	14.87	20.07	25.27	86	30.47	35.67	40.87	46.07 51.27
4.58	9.78	14.98	20.18	25.38	88	30.58	35.78	40.98	46.18 51.38
4.68	9.88	15.08	20.28	25.48	90	30.68	35.88	41.08	46.28 51.48
4.78	9.98	15.18	20.38	25.58	92	30.78	35.98	41.18	46.38 51.58
4.89	10.09	15.29	20.49	25.69	94	30.89	36.09	41.29	46.49 51.69
4.99	10.19	15.39	20.59	25.79	96	30.99	36.19	41.39	46.59 51.79
5.10	10.30	15.50	20.70	25.90	98	31.10	36.30	41.50	46.70 51.90

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
52.00	52.00	104.00	156.00	208.00	10	260.00	312.00	364.00	416.00 468.00
520.00	572.00	624.00	676.00	728.00	10	780.00	832.00	884.00	936.00 988.00
1040.00	1092.00	1144.00	1196.00	1248.00	20	1300.00	1352.00	1404.00	1456.00 1508.00



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	5.23	10.45	15.68	20.90		26.13	31.35	36.58	41.80 47.03
10	5.33	10.55	15.78	21.00	2	26.23	31.45	36.68	41.90 47.13
21	5.43	10.66	15.88	21.11	4	26.33	31.56	36.78	42.01 47.23
31	5.54	10.76	15.99	21.21	6	26.44	31.66	36.89	42.11 47.34
42	5.64	10.87	16.09	21.32	8	26.54	31.77	36.99	42.22 47.44
52	5.75	10.97	16.20	21.42	10	26.65	31.87	37.10	42.32 47.55
63	5.85	11.08	16.30	21.53	12	26.75	31.98	37.20	42.43 47.65
73	5.96	11.18	16.41	21.63	14	26.86	32.08	37.31	42.53 47.76
84	6.06	11.29	16.51	21.74	16	26.96	32.19	37.41	42.64 47.86
94	6.17	11.39	16.62	21.84	18	27.07	32.29	37.52	42.74 47.97
1.05	6.27	11.50	16.72	21.95	20	27.17	32.40	37.62	42.85 48.07
1.15	6.37	11.60	16.82	22.05	22	27.27	32.50	37.72	42.95 48.17
1.26	6.48	11.70	16.93	22.15	24	27.38	32.60	37.83	43.05 48.28
1.36	6.58	11.81	17.03	22.26	26	27.48	32.71	37.93	43.16 48.38
1.46	6.69	11.91	17.14	22.36	28	27.59	32.81	38.04	43.26 48.49
1.57	6.79	12.02	17.24	22.47	30	27.69	32.92	38.14	43.37 48.59
1.67	6.90	12.12	17.35	22.57	32	27.80	33.02	38.25	43.47 48.70
1.78	7.00	12.23	17.45	22.68	34	27.90	33.13	38.35	43.58 48.80
1.88	7.11	12.33	17.56	22.78	36	28.01	33.23	38.46	43.68 48.91
1.99	7.21	12.44	17.66	22.89	38	28.11	33.34	38.56	43.79 49.01
2.09	7.32	12.54	17.77	22.99	40	28.22	33.44	38.67	43.89 49.12
2.19	7.42	12.64	17.87	23.09	42	28.32	33.54	38.77	43.99 49.22
2.30	7.52	12.75	17.97	23.20	44	28.42	33.65	38.87	44.10 49.32
2.40	7.63	12.86	18.08	23.30	46	28.53	33.75	38.98	44.20 49.43
2.51	7.73	12.96	18.18	23.41	48	28.63	33.86	39.08	44.31 49.53
2.61	7.84	13.06	18.29	23.51	50	28.74	33.96	39.19	44.41 49.64

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.72	7.94	13.17	18.39	23.62	52	28.84	34.07	39.29	44.52 49.74
2.82	8.05	13.27	18.50	23.72	54	28.95	34.17	39.40	44.62 49.85
2.93	8.15	13.38	18.60	23.83	56	29.05	34.28	39.50	44.73 49.95
3.03	8.26	13.48	18.71	23.93	58	29.16	34.38	39.61	44.83 50.06
3.14	8.36	13.59	18.81	24.04	60	29.26	34.49	39.71	44.94 50.16
3.24	8.46	13.69	18.91	24.14	62	29.36	34.59	39.81	45.04 50.26
3.34	8.57	13.79	19.02	24.24	64	29.47	34.69	39.92	45.14 50.37
3.45	8.67	13.90	19.12	24.35	66	29.57	34.80	40.02	45.25 50.47
3.55	8.78	14.00	19.23	24.45	68	29.68	34.90	40.13	45.35 50.58
3.66	8.88	14.11	19.33	24.56	70	29.78	35.01	40.23	45.46 50.68
3.76	8.99	14.21	19.44	24.66	72	29.89	35.11	40.34	45.56 50.79
3.87	9.09	14.32	19.54	24.77	74	29.99	35.22	40.44	45.67 50.89
3.97	9.20	14.42	19.65	24.87	76	30.10	35.32	40.55	45.77 51.00
4.08	9.30	14.53	19.75	24.98	78	30.20	35.43	40.65	45.88 51.10
4.18	9.41	14.63	19.86	25.08	80	30.31	35.53	40.76	45.98 51.21
4.28	9.51	14.73	19.96	25.18	82	30.41	35.63	40.86	46.08 51.31
4.39	9.61	14.84	20.06	25.29	84	30.51	35.74	40.96	46.19 51.41
4.49	9.72	14.94	20.17	25.39	86	30.62	35.84	41.07	46.29 51.52
4.60	9.82	15.05	20.27	25.50	88	30.72	35.95	41.17	46.40 51.62
4.70	9.93	15.15	20.38	25.60	90	30.83	36.05	41.28	46.50 51.73
4.81	10.03	15.26	20.48	25.71	92	30.93	36.16	41.38	46.61 51.83
4.91	10.14	15.36	20.59	25.81	94	31.04	36.26	41.49	46.71 51.94
5.02	10.24	15.47	20.69	25.92	96	31.14	36.37	41.59	46.82 52.04
5.12	10.35	15.57	20.80	26.02	98	31.25	36.47	41.70	46.92 52.15

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
52.25	104.50	156.75	209.00		281.25	313.50	385.75	418.00	470.25
522.50	574.75	627.00	679.25	731.50	10	783.75	836.00	888.25	940.50 992.75
1045.00	1097.25	1149.50	1201.75	1254.00	20	1306.25	1358.50	1410.75	1463.00 1515.25

\$54

\$52

\$53

		FEET					FEET				
2 to	98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT					
		5.25	10.50	15.75	21.00		26.25	31.50	36.75	42.00	47.25
.11		5.36	10.61	15.86	21.11	2	26.36	31.61	36.86	42.11	47.36
.21		5.46	10.71	15.96	21.21	4	26.46	31.71	36.96	42.21	47.46
.32		5.57	10.82	16.07	21.32	6	26.57	31.82	37.07	42.32	47.57
.42		5.67	10.92	16.17	21.42	8	26.67	31.92	37.17	42.42	47.67
.53		5.78	11.03	16.28	21.53	10	26.78	32.03	37.28	42.53	47.78
.63		5.88	11.13	16.38	21.63	12	26.88	32.13	37.38	42.63	47.88
.74		5.99	11.24	16.49	21.74	14	26.99	32.24	37.49	42.74	47.99
.84		6.09	11.34	16.59	21.84	16	27.09	32.34	37.59	42.84	48.09
.95		6.20	11.45	16.70	21.95	18	27.20	32.45	37.70	42.95	48.20
1.05		6.30	11.55	16.80	22.05	20	27.30	32.55	37.80	43.05	48.30
1.16		6.41	11.66	16.91	22.16	22	27.41	32.66	37.91	43.16	48.41
1.26		6.51	11.76	17.01	22.26	24	27.51	32.76	38.01	43.26	48.51
1.37		6.62	11.87	17.12	22.37	26	27.62	32.87	38.12	43.37	48.62
1.47		6.72	11.97	17.22	22.47	28	27.72	32.97	38.22	43.47	48.72
1.58		6.83	12.08	17.33	22.58	30	27.83	33.08	38.33	43.58	48.83
1.68		6.93	12.18	17.43	22.68	32	27.93	33.18	38.43	43.68	48.93
1.79		7.04	12.29	17.54	22.79	34	28.04	33.29	38.54	43.79	49.04
1.89		7.14	12.39	17.64	22.89	36	28.14	33.39	38.64	43.89	49.14
2.00		7.25	12.50	17.75	23.00	38	28.25	33.50	38.75	44.00	49.25
2.10		7.35	12.60	17.85	23.10	40	28.35	33.60	38.85	44.10	49.35
2.21		7.46	12.71	17.96	23.21	42	28.46	33.71	38.96	44.21	49.46
2.31		7.56	12.81	18.06	23.31	44	28.56	33.81	39.06	44.31	49.56
2.42		7.67	12.92	18.17	23.42	46	28.67	33.92	39.17	44.42	49.67
2.52		7.77	13.02	18.27	23.52	48	28.77	34.02	39.27	44.52	49.77
2.63		7.88	13.13	18.38	23.63	50	28.88	34.13	39.38	44.63	49.88

2 to	98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT					
2.73		7.98	13.23	18.48	23.73	52	28.98	34.23	39.48	44.73	49.98
2.84		8.09	13.34	18.59	23.84	54	29.09	34.34	39.59	44.84	50.09
2.94		8.19	13.44	18.69	23.94	56	29.19	34.44	39.69	44.94	50.19
3.05		8.30	13.55	18.80	24.05	58	29.30	34.55	39.80	45.05	50.30
3.15		8.40	13.65	18.90	24.15	60	29.40	34.65	39.90	45.15	50.40
3.26		8.51	13.76	19.01	24.26	62	29.51	34.76	40.01	45.26	50.51
3.36		8.61	13.86	19.11	24.36	64	29.61	34.86	40.11	45.36	50.61
3.47		8.72	13.97	19.22	24.47	66	29.72	34.97	40.22	45.47	50.72
3.57		8.82	14.07	19.32	24.57	68	29.82	35.07	40.32	45.57	50.82
3.68		8.93	14.18	19.43	24.68	70	29.93	35.18	40.43	45.68	50.93
3.78		9.03	14.28	19.53	24.78	72	30.03	35.28	40.53	45.78	51.03
3.89		9.14	14.39	19.64	24.89	74	30.14	35.39	40.64	45.89	51.14
3.99		9.24	14.49	19.74	24.99	76	30.24	35.49	40.74	45.99	51.24
4.10		9.35	14.60	19.85	25.10	78	30.35	35.60	40.85	46.10	51.35
4.20		9.45	14.70	19.95	25.20	80	30.45	35.70	40.95	46.20	51.45
4.31		9.56	14.81	20.06	25.31	82	30.56	35.81	41.06	46.31	51.56
4.41		9.66	14.91	20.16	25.41	84	30.66	35.91	41.16	46.41	51.66
4.52		9.77	15.02	20.27	25.52	86	30.77	36.02	41.27	46.52	51.77
4.62		9.87	15.12	20.37	25.62	88	30.87	36.12	41.37	46.62	51.87
4.73		9.98	15.23	20.48	25.73	90	30.98	36.23	41.48	46.73	51.98
4.83		10.08	15.33	20.58	25.83	92	31.08	36.33	41.58	46.83	52.08
4.94		10.19	15.44	20.69	25.94	94	31.19	36.44	41.69	46.94	52.19
5.04		10.29	15.54	20.79	26.04	96	31.29	36.54	41.79	47.04	52.29
5.15		10.40	15.65	20.90	26.15	98	31.40	36.65	41.90	47.15	52.40

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
525.00	577.50	630.00	682.50	735.00	10	262.50	315.00	367.50	420.00
1050.00	1102.50	1155.00	1207.50	1260.00	20	737.50	840.00	892.50	945.00
					30	1312.50	1365.00	1417.50	1470.00
					40				1522.50



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
5.28	10.55	15.83	21.10		26.38	31.65	36.93	42.20	47.48
5.31	10.66	15.93	21.21	2	26.48	31.76	37.03	42.31	47.58
5.32	10.76	16.04	21.31	4	26.59	31.86	37.14	42.41	47.69
5.32	10.87	16.14	21.42	6	26.69	31.97	37.24	42.52	47.79
5.32	10.97	16.25	21.52	8	26.80	32.07	37.35	42.62	47.90
5.53	11.08	16.35	21.63	10	26.90	32.18	37.45	42.73	48.00
5.63	11.18	16.46	21.73	12	27.01	32.28	37.56	42.83	48.11
5.74	11.29	16.56	21.84	14	27.11	32.39	37.66	42.94	48.21
5.84	11.39	16.67	21.94	16	27.22	32.49	37.77	43.04	48.32
5.95	11.50	16.77	22.05	18	27.32	32.60	37.87	43.15	48.42
6.06	11.61	16.88	22.16	20	27.43	32.71	37.98	43.26	48.53
6.16	11.71	16.99	22.26	22	27.54	32.81	38.09	43.36	48.64
6.27	11.82	17.09	22.37	24	27.64	32.92	38.19	43.47	48.74
6.37	11.92	17.20	22.47	26	27.75	33.02	38.30	43.57	48.85
6.48	12.03	17.30	22.58	28	27.85	33.13	38.40	43.68	48.95
6.58	12.13	17.41	22.68	30	27.96	33.23	38.51	43.78	49.06
6.69	12.24	17.51	22.79	32	28.06	33.34	38.61	43.89	49.16
6.79	12.34	17.62	22.89	34	28.17	33.44	38.72	43.99	49.27
6.90	12.45	17.72	23.00	36	28.27	33.55	38.82	44.10	49.37
7.00	12.55	17.83	23.10	38	28.38	33.65	38.93	44.20	49.48
7.11	12.66	17.94	23.21	40	28.49	33.76	39.04	44.31	49.59
7.22	12.77	18.04	23.32	42	28.59	33.87	39.14	44.42	49.69
7.32	12.87	18.15	23.42	44	28.70	33.97	39.25	44.52	49.80
7.43	12.98	18.25	23.53	46	28.80	34.08	39.35	44.63	49.90
7.53	13.08	18.36	23.63	48	28.91	34.18	39.46	44.73	50.01
7.64	13.19	18.46	23.74	50	29.01	34.29	39.56	44.84	50.11

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
8.02	13.29	18.57	23.84	52	29.12	34.39	39.67	44.94	50.22
8.12	13.40	18.67	23.95	54	29.22	34.50	39.77	45.05	50.32
8.23	13.50	18.78	24.05	56	29.33	34.60	39.88	45.15	50.43
8.33	13.61	18.88	24.16	58	29.43	34.71	39.98	45.26	50.53
8.44	13.72	18.99	24.27	60	29.54	34.82	40.09	45.37	50.64
8.55	13.82	19.10	24.37	62	29.65	34.92	40.20	45.47	50.75
8.65	13.93	19.20	24.48	64	29.75	35.03	40.30	45.58	50.85
8.76	14.03	19.31	24.58	66	29.86	35.13	40.41	45.68	50.96
8.86	14.14	19.41	24.69	68	29.96	35.24	40.51	45.79	51.06
8.97	14.24	19.52	24.79	70	30.07	35.34	40.62	45.89	51.17
9.07	14.35	19.62	24.90	72	30.17	35.45	40.72	46.00	51.27
9.18	14.45	19.73	25.00	74	30.28	35.55	40.83	46.10	51.38
9.28	14.56	19.83	25.11	76	30.38	35.66	40.93	46.21	51.48
9.39	14.66	19.94	25.21	78	30.49	35.76	41.04	46.31	51.59
9.50	14.77	20.05	25.32	80	30.60	35.87	41.15	46.42	51.70
9.60	14.88	20.15	25.43	82	30.70	35.98	41.25	46.53	51.80
9.71	14.98	20.26	25.53	84	30.81	36.08	41.36	46.63	51.91
9.81	15.09	20.36	25.64	86	30.91	36.19	41.46	46.74	52.01
9.92	15.19	20.47	25.74	88	31.02	36.29	41.57	46.84	52.12
10.02	15.30	20.57	25.85	90	31.12	36.40	41.67	46.95	52.22
10.13	15.40	20.68	25.95	92	31.23	36.50	41.78	47.05	52.33
10.23	15.51	20.78	26.06	94	31.33	36.61	41.88	47.16	52.43
10.34	15.61	20.89	26.16	96	31.44	36.71	41.99	47.26	52.54
10.44	15.72	20.99	26.27	98	31.54	36.82	42.09	47.37	52.64

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
52.75	105.50	158.25	211.00		263.75	316.50	369.25	422.00	474.75
527.50	580.25	633.00	685.75	10	791.25	844.00	896.75	949.50	1002.25
1055.00	1107.75	1160.50	1213.25	20	1318.75	1371.50	1424.25	1477.00	1529.75

\$54

\$53

FEET					FEET				
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
5.30	10.60	15.90	21.20	26.50	31.80	37.10	42.40	47.70	
11	5.41	10.71	16.01	21.31	26.61	31.91	37.21	42.51	47.81
21	5.51	10.81	16.11	21.41	26.71	32.01	37.31	42.61	47.91
32	5.62	10.92	16.22	21.52	26.82	32.12	37.42	42.72	48.02
42	5.72	11.02	16.32	21.62	26.92	32.22	37.52	42.82	48.12
53	5.83	11.13	16.43	21.73	27.03	32.33	37.63	42.93	48.23
64	5.94	11.24	16.54	21.84	27.14	32.44	37.74	43.04	48.34
74	6.04	11.34	16.64	21.94	27.24	32.54	37.84	43.14	48.44
85	6.15	11.45	16.75	22.05	27.35	32.65	37.95	43.25	48.55
95	6.25	11.55	16.85	22.15	27.45	32.75	38.05	43.35	48.65
106	6.36	11.66	16.96	22.26	27.56	32.86	38.16	43.46	48.76
117	6.47	11.77	17.07	22.37	27.67	32.97	38.27	43.57	48.87
127	6.57	11.87	17.17	22.47	27.77	33.07	38.37	43.67	48.97
138	6.68	11.98	17.28	22.58	27.88	33.18	38.48	43.78	49.08
148	6.78	12.08	17.38	22.68	27.98	33.28	38.58	43.88	49.18
159	6.89	12.19	17.49	22.79	28.09	33.39	38.69	43.99	49.29
170	7.00	12.30	17.60	22.90	28.20	33.50	38.80	44.10	49.40
180	7.10	12.40	17.70	23.00	28.30	33.60	38.90	44.20	49.50
191	7.21	12.51	17.81	23.11	28.41	33.71	39.01	44.31	49.61
201	7.31	12.61	17.91	23.21	28.51	33.81	39.11	44.41	49.71
212	7.42	12.72	18.02	23.32	28.62	33.92	39.22	44.52	49.82
223	7.53	12.83	18.13	23.43	28.73	34.03	39.33	44.63	49.93
233	7.63	12.93	18.23	23.53	28.83	34.13	39.43	44.73	50.03
244	7.74	13.04	18.34	23.64	28.94	34.24	39.54	44.84	50.14
254	7.84	13.14	18.44	23.74	29.04	34.34	39.64	44.94	50.24
265	7.95	13.25	18.55	23.85	29.15	34.45	39.75	45.05	50.35

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
2.76	8.06	13.36	18.66	23.96	29.26	34.56	39.86	45.16	50.46
2.86	8.16	13.46	18.76	24.06	29.36	34.66	39.96	45.26	50.56
2.97	8.27	13.57	18.87	24.17	29.47	34.77	40.07	45.37	50.67
3.07	8.37	13.67	18.97	24.27	29.57	34.87	40.17	45.47	50.77
3.18	8.48	13.78	19.08	24.38	29.68	34.98	40.28	45.58	50.88
3.29	8.59	13.89	19.19	24.49	29.79	35.09	40.39	45.69	50.99
3.39	8.69	13.99	19.29	24.59	29.89	35.19	40.49	45.79	51.09
3.50	8.80	14.10	19.40	24.70	30.00	35.30	40.60	45.90	51.20
3.60	8.90	14.20	19.50	24.80	30.10	35.40	40.70	46.00	51.30
3.71	9.01	14.31	19.61	24.91	30.21	35.51	40.81	46.11	51.41
3.82	9.12	14.42	19.72	25.02	30.32	35.62	40.92	46.22	51.52
3.92	9.22	14.52	19.82	25.12	30.42	35.72	41.02	46.32	51.62
4.03	9.33	14.63	19.93	25.23	30.53	35.83	41.13	46.43	51.73
4.13	9.43	14.73	20.03	25.33	30.63	35.93	41.23	46.53	51.83
4.24	9.54	14.84	20.14	25.44	30.74	36.04	41.34	46.64	51.94
4.35	9.65	14.95	20.25	25.55	30.85	36.15	41.45	46.75	52.05
4.45	9.75	15.05	20.35	25.65	30.95	36.25	41.55	46.85	52.15
4.56	9.86	15.16	20.46	25.76	31.06	36.36	41.66	46.96	52.26
4.66	9.96	15.26	20.56	25.86	31.16	36.46	41.76	47.06	52.36
4.77	10.07	15.37	20.67	25.97	31.27	36.57	41.87	47.17	52.47
4.88	10.18	15.48	20.78	26.08	31.38	36.68	41.98	47.28	52.58
4.98	10.28	15.58	20.88	26.18	31.48	36.78	42.08	47.38	52.68
5.09	10.39	15.69	20.99	26.29	31.59	36.89	42.19	47.49	52.79
5.19	10.49	15.79	21.09	26.39	31.69	36.99	42.29	47.59	52.89

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
53.00	53.00	106.00	159.00	212.00	265.00	318.00	371.00	424.00	477.00
530.00	533.00	636.00	689.00	742.00	795.00	848.00	901.00	954.00	1007.00
1000.00	1113.00	1166.00	1219.00	1272.00	1325.00	1378.00	1431.00	1484.00	1537.00



2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
1.07	5.33	10.65	15.98	21.30	1	26.63	31.95	37.28	42.60	47.93
1.11	5.43	10.76	16.08	21.41	2	26.73	32.06	37.38	42.71	48.03
1.21	5.54	10.86	16.19	21.51	4	26.84	32.16	37.49	42.81	48.14
1.32	5.64	10.97	16.29	21.62	6	26.94	32.27	37.59	42.92	48.24
1.43	5.75	11.08	16.40	21.73	8	27.05	32.38	37.70	43.03	48.35
1.53	5.86	11.18	16.51	21.83	10	27.16	32.48	37.81	43.13	48.46
1.64	5.96	11.29	16.61	21.94	12	27.26	32.59	37.91	43.24	48.56
1.75	6.07	11.40	16.72	22.05	14	27.37	32.70	38.02	43.35	48.67
1.85	6.18	11.50	16.83	22.15	16	27.48	32.80	38.13	43.45	48.78
1.96	6.28	11.61	16.93	22.26	18	27.58	32.91	38.23	43.56	48.88
2.07	6.39	11.72	17.04	22.37	20	27.69	33.02	38.34	43.67	48.99
2.17	6.50	11.82	17.15	22.47	22	27.80	33.12	38.45	43.77	49.10
2.28	6.60	11.93	17.25	22.58	24	27.90	33.23	38.55	43.88	49.20
2.38	6.71	12.03	17.36	22.68	26	28.01	33.33	38.66	43.98	49.31
2.49	6.82	12.14	17.47	22.79	28	28.12	33.44	38.77	44.09	49.42
2.60	6.92	12.25	17.57	22.90	30	28.22	33.55	38.87	44.20	49.52
2.70	7.03	12.35	17.68	23.00	32	28.33	33.65	38.98	44.30	49.63
2.81	7.14	12.46	17.79	23.11	34	28.44	33.76	39.09	44.41	49.74
2.92	7.24	12.57	17.89	23.22	36	28.54	33.87	39.19	44.52	49.84
3.02	7.35	12.67	18.00	23.32	38	28.65	33.97	39.30	44.62	49.95
3.13	7.46	12.78	18.11	23.43	40	28.76	34.08	39.41	44.73	50.06
3.24	7.56	12.89	18.21	23.54	42	28.86	34.19	39.51	44.84	50.16
3.34	7.67	12.99	18.32	23.64	44	28.97	34.29	39.62	44.94	50.27
3.45	7.77	13.10	18.42	23.75	46	29.07	34.40	39.72	45.05	50.37
3.56	7.88	13.21	18.53	23.86	48	29.18	34.51	39.83	45.16	50.48
3.66	7.99	13.31	18.64	23.96	50	29.29	34.61	39.94	45.26	50.59

2 to 98	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
2.77	8.09	13.42	18.74	24.07	52	29.39	34.72	40.04	45.37	50.69
2.88	8.20	13.53	18.85	24.18	54	29.50	34.83	40.15	45.48	50.80
2.98	8.31	13.63	18.96	24.28	56	29.61	34.93	40.26	45.58	50.91
3.09	8.41	13.74	19.06	24.39	58	29.71	35.04	40.36	45.69	51.01
3.20	8.52	13.85	19.17	24.50	60	29.82	35.15	40.47	45.80	51.12
3.30	8.63	13.95	19.28	24.60	62	29.93	35.25	40.58	45.90	51.23
3.41	8.73	14.06	19.38	24.71	64	30.03	35.36	40.68	46.01	51.33
3.51	8.84	14.16	19.49	24.81	66	30.14	35.46	40.79	46.11	51.44
3.62	8.95	14.27	19.60	24.92	68	30.25	35.57	40.90	46.22	51.55
3.73	9.05	14.38	19.70	25.03	70	30.35	35.68	41.00	46.33	51.65
3.83	9.16	14.48	19.81	25.13	72	30.46	35.78	41.11	46.43	51.76
3.94	9.27	14.59	19.92	25.24	74	30.57	35.89	41.22	46.54	51.87
4.05	9.37	14.70	20.02	25.35	76	30.67	36.00	41.32	46.65	51.97
4.15	9.48	14.80	20.13	25.45	78	30.78	36.10	41.43	46.75	52.08
4.26	9.59	14.91	20.24	25.56	80	30.89	36.21	41.54	46.86	52.19
4.37	9.69	15.02	20.34	25.67	82	30.99	36.32	41.64	46.97	52.29
4.47	9.80	15.12	20.45	25.77	84	31.10	36.42	41.75	47.07	52.40
4.58	9.90	15.23	20.55	25.88	86	31.20	36.53	41.85	47.18	52.50
4.69	10.01	15.34	20.66	25.99	88	31.31	36.64	41.96	47.29	52.61
4.79	10.12	15.44	20.77	26.09	90	31.42	36.74	42.07	47.39	52.72
4.90	10.22	15.55	20.87	26.20	92	31.52	36.85	42.17	47.50	52.82
5.01	10.33	15.66	20.98	26.31	94	31.63	36.96	42.28	47.61	52.93
5.11	10.44	15.76	21.09	26.41	96	31.74	37.06	42.39	47.71	53.04
5.22	10.54	15.87	21.19	26.52	98	31.84	37.17	42.49	47.82	53.14

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
53.25	106.50	159.75	213.00	1	266.25	319.50	372.75	426.00	479.25
585.75	639.00	692.25	745.50	10	798.75	852.00	905.25	958.50	1011.75
1065.00	1118.25	1171.50	1224.75	20	1331.25	1384.50	1437.75	1491.00	1544.25

\$54

\$53

FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.78	5.35	10.70	16.05	21.40	2	26.75	32.10	37.45	42.80
2.79	5.36	10.71	16.06	21.41	4	26.86	32.21	37.56	42.91
2.80	5.37	10.72	16.07	21.42	6	26.96	32.31	37.66	43.01
2.81	5.38	10.73	16.08	21.43	8	27.07	32.42	37.77	43.12
2.82	5.39	10.74	16.09	21.44	10	27.18	32.53	37.88	43.23
2.83	5.40	10.75	16.10	21.45	12	27.29	32.64	37.99	43.34
2.84	5.41	10.76	16.11	21.46	14	27.39	32.74	38.09	43.44
2.85	5.42	10.77	16.12	21.47	16	27.50	32.85	38.20	43.55
2.86	5.43	10.78	16.13	21.48	18	27.61	32.96	38.31	43.66
2.87	5.44	10.79	16.14	21.49	20	27.71	33.06	38.41	43.76
2.88	5.45	10.80	16.15	21.50	22	27.82	33.17	38.52	43.87
2.89	5.46	10.81	16.16	21.51	24	27.93	33.28	38.63	43.98
2.90	5.47	10.82	16.17	21.52	26	28.03	33.38	38.73	44.08
2.91	5.48	10.83	16.18	21.53	28	28.14	33.49	38.84	44.19
2.92	5.49	10.84	16.19	21.54	30	28.25	33.60	38.95	44.30
2.93	5.50	10.85	16.20	21.55	32	28.36	33.71	39.06	44.41
2.94	5.51	10.86	16.21	21.56	34	28.46	33.81	39.16	44.51
2.95	5.52	10.87	16.22	21.57	36	28.57	33.92	39.27	44.62
2.96	5.53	10.88	16.23	21.58	38	28.68	34.03	39.38	44.73
2.97	5.54	10.89	16.24	21.59	40	28.78	34.13	39.48	44.83
2.98	5.55	10.90	16.25	21.60	42	28.89	34.24	39.59	44.94
2.99	5.56	10.91	16.26	21.61	44	29.00	34.35	39.70	45.05
3.00	5.57	10.92	16.27	21.62	46	29.10	34.45	39.80	45.15
3.01	5.58	10.93	16.28	21.63	48	29.21	34.56	39.91	45.26
3.02	5.59	10.94	16.29	21.64	50	29.32	34.67	40.02	45.37
3.03	5.60	10.95	16.30	21.65		29.43	34.78	40.13	45.48

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.78	8.13	13.48	18.83	24.18	52	29.53	34.88	40.23	45.58
2.89	8.24	13.59	18.94	24.29	54	29.64	34.99	40.34	45.69
3.00	8.35	13.70	19.05	24.40	56	29.75	35.10	40.45	45.80
3.10	8.45	13.80	19.15	24.50	58	29.85	35.20	40.55	45.90
3.21	8.56	13.91	19.26	24.61	60	29.96	35.31	40.66	46.01
3.32	8.67	14.02	19.37	24.72	62	30.07	35.42	40.77	46.12
3.42	8.77	14.12	19.47	24.82	64	30.17	35.52	40.87	46.22
3.53	8.88	14.23	19.58	24.93	66	30.28	35.63	40.98	46.33
3.64	8.99	14.34	19.69	25.04	68	30.39	35.74	41.09	46.44
3.75	9.10	14.45	19.80	25.15	70	30.50	35.85	41.20	46.55
3.85	9.20	14.55	19.90	25.25	72	30.60	35.95	41.30	46.65
3.96	9.31	14.66	20.01	25.36	74	30.71	36.06	41.41	46.76
4.07	9.42	14.77	20.12	25.47	76	30.82	36.17	41.52	46.87
4.17	9.52	14.87	20.22	25.57	78	30.92	36.27	41.62	46.97
4.28	9.63	14.98	20.33	25.68	80	31.03	36.38	41.73	47.08
4.39	9.74	15.09	20.44	25.79	82	31.14	36.49	41.84	47.19
4.49	9.84	15.19	20.54	25.89	84	31.24	36.59	41.94	47.29
4.60	9.95	15.30	20.65	26.00	86	31.35	36.70	42.05	47.40
4.71	10.06	15.41	20.76	26.11	88	31.46	36.81	42.16	47.51
4.82	10.17	15.52	20.87	26.22	90	31.57	36.92	42.27	47.62
4.92	10.27	15.62	20.97	26.32	92	31.67	37.02	42.37	47.72
5.03	10.38	15.73	21.08	26.43	94	31.78	37.13	42.48	47.83
5.14	10.49	15.84	21.19	26.54	96	31.89	37.24	42.59	47.94
5.24	10.59	15.94	21.29	26.64	98	31.99	37.34	42.69	48.04

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
535.00	538.50	107.00	160.50	214.00	10	267.50	321.00	374.50	428.00
536.00	539.50	107.50	161.00	214.50	11	268.50	322.00	375.50	429.00
537.00	540.50	108.00	161.50	215.00	12	269.50	323.00	376.50	430.00
538.00	541.50	108.50	162.00	215.50	13	270.50	324.00	377.50	431.00
539.00	542.50	109.00	162.50	216.00	14	271.50	325.00	378.50	432.00
540.00	543.50	109.50	163.00	216.50	15	272.50	326.00	379.50	433.00
541.00	544.50	110.00	163.50	217.00	16	273.50	327.00	380.50	434.00
542.00	545.50	110.50	164.00	217.50	17	274.50	328.00	381.50	435.00
543.00	546.50	111.00	164.50	218.00	18	275.50	329.00	382.50	436.00
544.00	547.50	111.50	165.00	218.50	19	276.50	330.00	383.50	437.00
545.00	548.50	112.00	165.50	219.00	20	277.50	331.00	384.50	438.00



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.38	10.75	16.13	21.50		26.88	32.25	37.63	43.00	48.38
1.11	5.48	10.86	16.23	21.61	2	26.98	32.36	37.73	43.11
2.22	5.59	10.97	16.34	21.72	4	27.09	32.47	37.84	43.22
3.32	5.70	11.07	16.45	21.82	6	27.20	32.57	37.95	43.32
4.43	5.81	11.18	16.56	21.93	8	27.31	32.68	38.06	43.43
5.54	5.91	11.29	16.66	22.04	10	27.41	32.79	38.16	43.54
6.65	6.02	11.40	16.77	22.15	12	27.52	32.90	38.27	43.65
7.75	6.13	11.50	16.88	22.25	14	27.63	33.00	38.38	43.75
8.86	6.24	11.61	16.99	22.36	16	27.74	33.11	38.49	43.86
9.97	6.34	11.72	17.09	22.47	18	27.84	33.22	38.59	43.97
1.08	6.45	11.83	17.20	22.58	20	27.95	33.33	38.70	44.08
1.18	6.56	11.93	17.31	22.68	22	28.06	33.43	38.81	44.18
1.29	6.67	12.04	17.42	22.79	24	28.17	33.54	38.92	44.29
1.40	6.77	12.15	17.52	22.90	26	28.27	33.65	39.02	44.40
1.51	6.88	12.26	17.63	23.01	28	28.38	33.76	39.13	44.51
1.61	6.99	12.36	17.74	23.11	30	28.49	33.86	39.24	44.61
1.72	7.10	12.47	17.85	23.22	32	28.60	33.97	39.35	44.72
1.83	7.20	12.58	17.95	23.33	34	28.70	34.08	39.45	44.83
1.94	7.31	12.69	18.06	23.44	36	28.81	34.19	39.56	44.94
2.04	7.42	12.79	18.17	23.54	38	28.92	34.29	39.67	45.04
2.15	7.53	12.90	18.28	23.65	40	29.03	34.40	39.78	45.15
2.26	7.63	13.01	18.38	23.76	42	29.13	34.51	39.88	45.26
2.37	7.74	13.12	18.49	23.87	44	29.24	34.62	39.99	45.37
2.47	7.85	13.22	18.60	23.97	46	29.35	34.72	40.10	45.47
2.58	7.96	13.33	18.71	24.08	48	29.46	34.83	40.21	45.58
2.69	8.06	13.44	18.81	24.19	50	29.56	34.94	40.31	45.69

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
2.80	8.17	13.55	18.92	24.30	52	29.67	35.05	40.42	45.80	51.17
2.90	8.28	13.65	19.03	24.40	54	29.78	35.15	40.53	45.90	51.28
3.01	8.39	13.76	19.14	24.51	56	29.89	35.26	40.64	46.01	51.39
3.12	8.49	13.87	19.24	24.62	58	29.99	35.37	40.74	46.12	51.49
3.23	8.60	13.98	19.35	24.73	60	30.10	35.48	40.85	46.23	51.60
3.33	8.71	14.08	19.46	24.83	62	30.21	35.58	40.96	46.33	51.71
3.44	8.82	14.19	19.57	24.94	64	30.32	35.69	41.07	46.44	51.82
3.55	8.92	14.30	19.67	25.05	66	30.42	35.80	41.17	46.55	51.92
3.66	9.03	14.41	19.78	25.16	68	30.53	35.91	41.28	46.66	52.03
3.76	9.14	14.51	19.89	25.26	70	30.64	36.01	41.39	46.76	52.14
3.87	9.25	14.62	20.00	25.37	72	30.75	36.12	41.50	46.87	52.25
3.98	9.35	14.73	20.10	25.48	74	30.85	36.23	41.60	46.98	52.35
4.09	9.46	14.84	20.21	25.59	76	30.96	36.34	41.71	47.09	52.46
4.19	9.57	14.94	20.32	25.69	78	31.07	36.44	41.82	47.19	52.57
4.30	9.68	15.05	20.43	25.80	80	31.18	36.55	41.93	47.30	52.68
4.41	9.78	15.16	20.53	25.91	82	31.28	36.66	42.03	47.41	52.78
4.52	9.89	15.27	20.64	26.02	84	31.39	36.77	42.14	47.52	52.89
4.62	10.00	15.37	20.75	26.12	86	31.50	36.87	42.25	47.62	53.00
4.73	10.11	15.48	20.86	26.23	88	31.61	36.98	42.36	47.73	53.11
4.84	10.21	15.59	20.96	26.34	90	31.71	37.09	42.46	47.84	53.21
4.95	10.32	15.70	21.07	26.45	92	31.82	37.20	42.57	47.95	53.32
5.05	10.43	15.80	21.18	26.55	94	31.93	37.30	42.68	48.05	53.43
5.16	10.54	15.91	21.29	26.66	96	32.04	37.41	42.79	48.16	53.54
5.27	10.64	16.02	21.39	26.77	98	32.14	37.52	42.89	48.27	53.64

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
53.75	107.50	161.25	215.00			268.75	322.50	376.25	430.00	483.75
537.50	591.25	645.00	698.75	752.50	10	806.25	860.00	913.75	967.50	1021.25
1975.00	1128.75	1182.50	1236.25	1290.00	20	1343.75	1397.50	1451.25	1505.00	1558.75

\$54

FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.40	10.80	16.20	21.60	27.00	32.40	37.80	43.20	48.60	
11	5.51	10.91	16.31	21.71	27.11	32.51	37.91	43.31	48.71
22	5.62	11.02	16.42	21.82	27.22	32.62	38.02	43.42	48.82
32	5.72	11.12	16.52	21.92	27.32	32.72	38.12	43.52	48.92
43	5.83	11.23	16.63	22.03	27.43	32.83	38.23	43.63	49.03
54	5.94	11.34	16.74	22.14	27.54	32.94	38.34	43.74	49.14
65	6.05	11.45	16.85	22.25	27.65	33.05	38.45	43.85	49.25
76	6.16	11.56	16.96	22.36	27.76	33.16	38.56	43.96	49.36
86	6.26	11.66	17.06	22.46	27.86	33.26	38.66	44.06	49.46
97	6.37	11.77	17.17	22.57	27.97	33.37	38.77	44.17	49.57
1.08	6.48	11.88	17.28	22.68	28.08	33.48	38.88	44.28	49.68
1.19	6.59	11.99	17.39	22.79	28.19	33.59	38.99	44.39	49.79
1.30	6.70	12.10	17.50	22.90	28.30	33.70	39.10	44.50	49.90
1.40	6.80	12.20	17.60	23.00	28.40	33.80	39.20	44.60	50.00
1.51	6.91	12.31	17.71	23.11	28.51	33.91	39.31	44.71	50.11
1.62	7.02	12.42	17.82	23.22	28.62	34.02	39.42	44.82	50.22
1.73	7.13	12.53	17.93	23.33	28.73	34.13	39.53	44.93	50.33
1.84	7.24	12.64	18.04	23.44	28.84	34.24	39.64	45.04	50.44
1.94	7.34	12.74	18.14	23.54	28.94	34.34	39.74	45.14	50.54
2.05	7.45	12.85	18.25	23.65	29.05	34.45	39.85	45.25	50.65
2.16	7.56	12.96	18.36	23.76	29.16	34.56	39.96	45.36	50.76
2.27	7.67	13.07	18.47	23.87	29.27	34.67	40.07	45.47	50.87
2.38	7.78	13.18	18.58	23.98	29.38	34.78	40.18	45.58	50.98
2.48	7.88	13.28	18.68	24.08	29.48	34.88	40.28	45.68	51.08
2.59	7.99	13.39	18.79	24.19	29.59	34.99	40.39	45.79	51.19
2.70	8.10	13.50	18.90	24.30	29.70	35.10	40.50	45.90	51.30

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.81	8.21	13.61	19.01	24.41	52	29.81	35.21	40.61	46.01
2.92	8.32	13.72	19.12	24.52	54	29.92	35.32	40.72	46.12
3.02	8.42	13.82	19.22	24.62	56	30.02	35.42	40.82	46.22
3.13	8.53	13.93	19.33	24.73	58	30.13	35.53	40.93	46.33
3.24	8.64	14.04	19.44	24.84	60	30.24	35.64	41.04	46.44
3.35	8.75	14.15	19.55	24.95	62	30.35	35.75	41.15	46.55
3.46	8.86	14.26	19.66	25.06	64	30.46	35.86	41.26	46.66
3.56	8.96	14.36	19.76	25.16	66	30.56	35.96	41.36	46.76
3.67	9.07	14.47	19.87	25.27	68	30.67	36.07	41.47	46.87
3.78	9.18	14.58	19.98	25.38	70	30.78	36.18	41.58	46.98
3.89	9.29	14.69	20.09	25.49	72	30.89	36.29	41.69	47.09
4.00	9.40	14.80	20.20	25.60	74	31.00	36.40	41.80	47.20
4.10	9.50	14.90	20.30	25.70	76	31.10	36.50	41.90	47.30
4.21	9.61	15.01	20.41	25.81	78	31.21	36.61	42.01	47.41
4.32	9.72	15.12	20.52	25.92	80	31.32	36.72	42.12	47.52
4.43	9.83	15.23	20.63	26.03	82	31.43	36.83	42.23	47.63
4.54	9.94	15.34	20.74	26.14	84	31.54	36.94	42.34	47.74
4.64	10.04	15.44	20.84	26.24	86	31.64	37.04	42.44	47.84
4.75	10.15	15.55	20.95	26.35	88	31.75	37.15	42.55	47.95
4.86	10.26	15.66	21.06	26.46	90	31.86	37.26	42.66	48.06
4.97	10.37	15.77	21.17	26.57	92	31.97	37.37	42.77	48.17
5.08	10.48	15.88	21.28	26.68	94	32.08	37.48	42.88	48.28
5.18	10.58	15.98	21.38	26.78	96	32.18	37.58	42.98	48.38
5.29	10.69	16.09	21.49	26.89	98	32.29	37.69	43.09	48.49

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
54.00	108.00	162.00	216.00		270.00	324.00	378.00	432.00	486.00
594.00	648.00	702.00	756.00	10	810.00	864.00	918.00	972.00	1026.00
1090.00	1134.00	1188.00	1242.00	20	1350.00	1404.00	1458.00	1512.00	1566.00



\$5.42½ Per 100

\$54.25 Per M.

197

F E E T					F E E T				
2 to 98	100	200	300	400 feet	500	600	700	800	900
A M O U N T					A M O U N T				
5.43	10.85	16.28	21.70	27.13	32.55	37.98	43.40	48.83	
11 5.53	10.96	16.38	21.81	27.23	32.66	38.08	43.51	48.93	
22 5.64	11.07	16.49	21.92	27.34	32.77	38.19	43.62	49.04	
33 5.75	11.18	16.60	22.03	27.45	32.88	38.30	43.73	49.15	
43 5.86	11.28	16.71	22.13	27.56	32.98	38.41	43.83	49.26	
54 5.97	11.39	16.82	22.24	27.67	33.09	38.52	43.94	49.37	
65 6.08	11.50	16.93	22.35	27.78	33.20	38.63	44.05	49.48	
76 6.18	11.61	17.03	22.46	27.88	33.31	38.73	44.16	49.58	
87 6.29	11.72	17.14	22.57	27.99	33.42	38.84	44.27	49.69	
98 6.40	11.83	17.25	22.68	28.10	33.53	38.95	44.38	49.80	
1.09	6.51	11.94	17.36	22.79	28.21	33.64	39.06	44.49	49.91
1.19	6.62	12.04	17.47	22.89	28.32	33.74	39.17	44.59	50.02
1.30	6.73	12.15	17.58	23.00	28.43	33.85	39.28	44.70	50.13
1.41	6.84	12.26	17.69	23.11	28.54	33.96	39.39	44.81	50.24
1.52	6.94	12.37	17.79	23.22	28.64	34.07	39.49	44.92	50.34
1.63	7.05	12.48	17.90	23.33	28.75	34.18	39.60	45.03	50.45
1.74	7.16	12.59	18.01	23.44	28.86	34.29	39.71	45.14	50.56
1.84	7.27	12.69	18.12	23.54	28.97	34.39	39.82	45.24	50.67
1.95	7.38	12.80	18.23	23.65	29.08	34.50	39.93	45.35	50.78
2.06	7.49	12.91	18.34	23.76	29.19	34.61	40.04	45.46	50.89
2.17	7.60	13.02	18.45	23.87	29.30	34.72	40.15	45.57	51.00
2.28	7.70	13.13	18.55	23.98	29.40	34.83	40.25	45.68	51.10
2.39	7.81	13.24	18.66	24.09	29.51	34.94	40.36	45.79	51.21
2.50	7.92	13.35	18.77	24.20	29.62	35.05	40.47	45.90	51.32
2.60	8.03	13.45	18.88	24.30	29.73	35.15	40.58	46.00	51.43
2.71	8.14	13.56	18.99	24.41	29.84	35.26	40.69	46.11	51.54

2 to 98	100	200	300	400 feet	500	600	700	800	900
A M O U N T					A M O U N T				
2.82	8.25	13.67	19.10	24.52	29.95	35.37	40.80	46.22	51.65
2.93	8.35	13.78	19.20	24.63	30.05	35.48	40.90	46.33	51.75
3.04	8.46	13.89	19.31	24.74	30.16	35.59	41.01	46.44	51.86
3.15	8.57	14.00	19.42	24.85	30.27	35.70	41.12	46.55	51.97
3.26	8.68	14.11	19.53	24.96	30.38	35.81	41.23	46.66	52.08
3.36	8.79	14.21	19.64	25.06	30.49	35.91	41.34	46.76	52.19
3.47	8.90	14.32	19.75	25.17	30.60	36.02	41.45	46.87	52.30
3.58	9.01	14.43	19.86	25.28	30.71	36.13	41.56	46.98	52.41
3.69	9.11	14.54	19.96	25.39	30.81	36.24	41.66	47.09	52.51
3.80	9.22	14.65	20.07	25.50	30.92	36.35	41.77	47.20	52.62
3.91	9.33	14.76	20.18	25.61	31.03	36.46	41.88	47.31	52.73
4.01	9.44	14.86	20.29	25.71	31.14	36.56	41.99	47.41	52.84
4.12	9.55	14.97	20.40	25.82	31.25	36.67	42.10	47.52	52.95
4.23	9.66	15.08	20.51	25.93	31.36	36.78	42.21	47.63	53.06
4.34	9.77	15.19	20.62	26.04	31.47	36.89	42.32	47.74	53.17
4.45	9.87	15.30	20.72	26.15	31.57	37.00	42.42	47.85	53.27
4.56	9.98	15.41	20.83	26.26	31.68	37.11	42.53	47.96	53.38
4.67	10.09	15.52	20.94	26.37	31.79	37.22	42.64	48.07	53.49
4.77	10.20	15.62	21.05	26.47	31.90	37.32	42.75	48.17	53.60
4.88	10.31	15.73	21.16	26.58	32.01	37.43	42.86	48.28	53.71
4.99	10.42	15.84	21.27	26.69	32.12	37.54	42.97	48.39	53.82
5.10	10.52	15.95	21.37	26.80	32.22	37.65	43.07	48.50	53.92
5.21	10.63	16.06	21.48	26.91	32.33	37.76	43.18	48.61	54.03
5.32	10.74	16.17	21.59	27.02	32.44	37.87	43.29	48.72	54.14

Above 1M.

M F E E T					M F E E T				
1	2	3	4	M	5	6	7	8	9
A M O U N T					A M O U N T				
54.25	103.50	162.75	217.00	271.25	325.50	379.75	434.00	488.25	
542.50	596.75	651.00	705.25	759.50	813.75	868.00	922.25	976.50	1030.75
1085.00	1139.25	1193.50	1247.75	1302.00	1356.25	1410.50	1464.75	1519.00	1573.25

\$54

\$55

\$56

\$57

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\$61

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\$64

\$65

\$66

\$67

\$68

\$69

\$70

\$71

\$72

\$73

\$74

\$75

R

FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
	5.45	10.90	16.35	21.80		27.25	32.70	38.15	43.60
11	5.56	11.01	16.46	21.91	2	27.36	32.81	38.26	43.71
22	5.67	11.12	16.57	22.02	4	27.47	32.92	38.37	43.82
33	5.78	11.23	16.68	22.13	6	27.58	33.03	38.48	43.93
44	5.89	11.34	16.79	22.24	8	27.69	33.14	38.59	44.04
55	6.00	11.45	16.90	22.35	10	27.80	33.25	38.70	44.15
65	6.10	11.55	17.00	22.45	12	27.90	33.35	38.80	44.25
76	6.21	11.66	17.11	22.56	14	28.01	33.46	38.91	44.36
87	6.32	11.77	17.22	22.67	16	28.12	33.57	39.02	44.47
98	6.43	11.88	17.33	22.78	18	28.23	33.68	39.13	44.58
1.09	6.54	11.99	17.44	22.89	20	28.34	33.79	39.24	44.69
1.20	6.65	12.10	17.55	23.00	22	28.45	33.90	39.35	44.80
1.31	6.76	12.21	17.66	23.11	24	28.56	34.01	39.46	44.91
1.42	6.87	12.32	17.77	23.22	26	28.67	34.12	39.57	45.02
1.53	6.98	12.43	17.88	23.33	28	28.78	34.23	39.68	45.13
1.64	7.09	12.54	17.99	23.44	30	28.89	34.34	39.79	45.24
1.74	7.19	12.64	18.09	23.54	32	28.99	34.44	39.89	45.34
1.85	7.30	12.75	18.20	23.65	34	29.10	34.55	40.00	45.45
1.96	7.41	12.86	18.31	23.76	36	29.21	34.66	40.11	45.56
2.07	7.52	12.97	18.42	23.87	38	29.32	34.77	40.22	45.67
2.18	7.63	13.08	18.53	23.98	40	29.43	34.88	40.33	45.78
2.29	7.74	13.19	18.64	24.09	42	29.54	34.99	40.44	45.89
2.40	7.85	13.30	18.75	24.20	44	29.65	35.10	40.55	46.00
2.51	7.96	13.41	18.86	24.31	46	29.76	35.21	40.66	46.11
2.62	8.07	13.52	18.97	24.42	48	29.87	35.32	40.77	46.22
2.73	8.18	13.63	19.08	24.53	50	29.98	35.43	40.88	46.33

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.83	8.28	13.73	19.18	24.63	52	30.08	35.53	40.98	46.43
2.94	8.39	13.84	19.29	24.74	54	30.19	35.64	41.09	46.54
3.05	8.50	13.95	19.40	24.85	56	30.30	35.75	41.20	46.65
3.16	8.61	14.06	19.51	24.96	58	30.41	35.86	41.31	46.76
3.27	8.72	14.17	19.62	25.07	60	30.52	35.97	41.42	46.87
3.38	8.83	14.28	19.73	25.18	62	30.63	36.08	41.53	46.98
3.49	8.94	14.39	19.84	25.29	64	30.74	36.19	41.64	47.09
3.60	9.05	14.50	19.95	25.40	66	30.85	36.30	41.75	47.20
3.71	9.16	14.61	20.06	25.51	68	30.96	36.41	41.86	47.31
3.82	9.27	14.72	20.17	25.62	70	31.07	36.52	41.97	47.42
3.92	9.37	14.82	20.27	25.72	72	31.17	36.62	42.07	47.52
4.03	9.48	14.93	20.38	25.83	74	31.28	36.73	42.18	47.63
4.14	9.59	15.04	20.49	25.94	76	31.39	36.84	42.29	47.74
4.25	9.70	15.15	20.60	26.05	78	31.50	36.95	42.40	47.85
4.36	9.81	15.26	20.71	26.16	80	31.61	37.06	42.51	47.96
4.47	9.92	15.37	20.82	26.27	82	31.72	37.17	42.62	48.07
4.58	10.03	15.48	20.93	26.38	84	31.83	37.28	42.73	48.18
4.69	10.14	15.59	21.04	26.49	86	31.94	37.39	42.84	48.29
4.80	10.25	15.70	21.15	26.60	88	32.05	37.50	42.95	48.40
4.91	10.36	15.81	21.26	26.71	90	32.16	37.61	43.06	48.51
5.01	10.46	15.91	21.36	26.81	92	32.26	37.71	43.16	48.61
5.12	10.57	16.02	21.47	26.92	94	32.37	37.82	43.27	48.72
5.23	10.68	16.13	21.58	27.03	96	32.48	37.93	43.38	48.83
5.34	10.79	16.24	21.69	27.14	98	32.59	38.04	43.49	48.94

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
54.50	109.00	163.50	218.00		272.50	327.00	381.50	436.00	490.50
545.00	599.50	654.00	708.50	10	817.50	872.00	926.50	981.00	1035.50
1000.00	1144.50	1199.00	1253.50	20	1302.50	1417.00	1471.50	1526.00	1580.50



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
5.48	10.95	16.43	21.90	27.38	32.85	38.33	43.80	49.28	
1.11	5.58	11.06	16.53	22.01	27.48	32.96	38.43	43.91	49.38
2.22	5.69	11.17	16.64	22.12	4	27.59	33.07	38.54	44.02 49.49
3.33	5.80	11.28	16.75	22.23	6	27.70	33.18	38.65	44.13 49.60
4.44	5.91	11.39	16.86	22.34	8	27.81	33.29	38.76	44.24 49.71
5.55	6.02	11.50	16.97	22.45	10	27.92	33.40	38.87	44.35 49.82
6.66	6.13	11.61	17.08	22.56	12	28.03	33.51	38.98	44.46 49.93
7.77	6.24	11.72	17.19	22.67	14	28.14	33.62	39.09	44.57 50.04
8.88	6.35	11.83	17.30	22.78	16	28.25	33.73	39.20	44.68 50.15
9.99	6.46	11.94	17.41	22.89	18	28.36	33.84	39.31	44.79 50.26
1.10	6.57	12.05	17.52	23.00	20	28.47	33.95	39.42	44.90 50.37
1.20	6.68	12.15	17.63	23.10	22	28.58	34.05	39.53	45.00 50.48
1.31	6.79	12.26	17.74	23.21	24	28.69	34.16	39.64	45.11 50.59
1.42	6.90	12.37	17.85	23.32	26	28.80	34.27	39.75	45.22 50.70
1.53	7.01	12.48	17.96	23.43	28	28.91	34.38	39.86	45.33 50.81
1.64	7.12	12.59	18.07	23.54	30	29.02	34.49	39.97	45.44 50.92
1.75	7.23	12.70	18.18	23.65	32	29.13	34.60	40.08	45.55 51.03
1.86	7.34	12.81	18.29	23.76	34	29.24	34.71	40.19	45.66 51.14
1.97	7.45	12.92	18.40	23.87	36	29.35	34.82	40.30	45.77 51.25
2.08	7.56	13.03	18.51	23.98	38	29.46	34.93	40.41	45.88 51.36
2.19	7.67	13.14	18.62	24.09	40	29.57	35.04	40.52	45.99 51.47
2.30	7.77	13.25	18.72	24.20	42	29.67	35.15	40.62	46.10 51.57
2.41	7.88	13.36	18.83	24.31	44	29.78	35.26	40.73	46.21 51.68
2.52	7.99	13.47	18.94	24.42	46	29.89	35.37	40.84	46.32 51.79
2.63	8.10	13.58	19.05	24.53	48	30.00	35.48	40.95	46.43 51.90
2.74	8.21	13.69	19.16	24.64	50	30.11	35.59	41.06	46.54 52.01

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.85	8.32	13.80	19.27	24.75	52	30.22	35.70	41.17	46.65 52.12
2.96	8.43	13.91	19.38	24.86	54	30.33	35.81	41.28	46.76 52.23
3.07	8.54	14.02	19.49	24.97	56	30.44	35.92	41.39	46.87 52.34
3.18	8.65	14.13	19.60	25.08	58	30.55	36.03	41.50	46.98 52.45
3.29	8.76	14.24	19.71	25.19	60	30.66	36.14	41.61	47.09 52.56
3.39	8.87	14.34	19.82	25.29	62	30.77	36.24	41.72	47.19 52.67
3.50	8.98	14.45	19.93	25.40	64	30.88	36.35	41.83	47.30 52.78
3.61	9.09	14.56	20.04	25.51	66	30.99	36.46	41.94	47.41 52.89
3.72	9.20	14.67	20.15	25.62	68	31.10	36.57	42.05	47.52 53.00
3.83	9.31	14.78	20.26	25.73	70	31.21	36.68	42.16	47.63 53.11
3.94	9.42	14.89	20.37	25.84	72	31.32	36.79	42.27	47.74 53.22
4.05	9.53	15.00	20.48	25.95	74	31.43	36.90	42.38	47.85 53.33
4.16	9.64	15.11	20.59	26.06	76	31.54	37.01	42.49	47.96 53.44
4.27	9.75	15.22	20.70	26.17	78	31.65	37.12	42.60	48.07 53.55
4.38	9.86	15.33	20.81	26.28	80	31.76	37.23	42.71	48.18 53.66
4.49	9.96	15.44	20.91	26.39	82	31.86	37.34	42.81	48.29 53.76
4.60	10.07	15.55	21.02	26.50	84	31.97	37.45	42.92	48.40 53.87
4.71	10.18	15.66	21.13	26.61	86	32.08	37.56	43.03	48.51 53.98
4.82	10.29	15.77	21.24	26.72	88	32.19	37.67	43.14	48.62 54.09
4.93	10.40	15.88	21.35	26.83	90	32.30	37.78	43.25	48.73 54.20
5.04	10.51	15.99	21.46	26.94	92	32.41	37.89	43.36	48.84 54.31
5.15	10.62	16.10	21.57	27.05	94	32.52	38.00	43.47	48.95 54.42
5.26	10.73	16.21	21.68	27.16	96	32.63	38.11	43.58	49.06 54.53
5.37	10.84	16.32	21.79	27.27	98	32.74	38.22	43.69	49.17 54.64

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
54.75	109.50	164.25	219.00		273.75	328.50	383.25	438.00	492.75
547.50	602.25	657.00	711.75	766.50	10	821.25	876.00	930.75	985.50 1040.25
1095.00	1149.75	1204.50	1259.25	1314.00	20	1368.75	1423.50	1478.25	1533.00 1587.75

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R

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
1.00	5.50	11.00	16.50	22.00	1	27.50	33.00	38.50	44.00 49.50
1.11	5.61	11.11	16.61	22.11	2	27.61	33.11	38.61	44.11 49.61
1.22	5.72	11.22	16.72	22.22	4	27.72	33.22	38.72	44.22 49.72
1.33	5.83	11.33	16.83	22.33	6	27.83	33.33	38.83	44.33 49.83
1.44	5.94	11.44	16.94	22.44	8	27.94	33.44	38.94	44.44 49.94
1.55	6.05	11.55	17.05	22.55	10	28.05	33.55	39.05	44.55 50.05
1.66	6.16	11.66	17.16	22.66	12	28.16	33.66	39.16	44.66 50.16
1.77	6.27	11.77	17.27	22.77	14	28.27	33.77	39.27	44.77 50.27
1.88	6.38	11.88	17.38	22.88	16	28.38	33.88	39.38	44.88 50.38
1.99	6.49	11.99	17.49	22.99	18	28.49	33.99	39.49	44.99 50.49
2.10	6.60	12.10	17.60	23.10	20	28.60	34.10	39.60	45.10 50.60
2.21	6.71	12.21	17.71	23.21	22	28.71	34.21	39.71	45.21 50.71
2.32	6.82	12.32	17.82	23.32	24	28.82	34.32	39.82	45.32 50.82
2.43	6.93	12.43	17.93	23.43	26	28.93	34.43	39.93	45.43 50.93
2.54	7.04	12.54	18.04	23.54	28	29.04	34.54	40.04	45.54 51.04
2.65	7.15	12.65	18.15	23.65	30	29.15	34.65	40.15	45.65 51.15
2.76	7.26	12.76	18.26	23.76	32	29.26	34.76	40.26	45.76 51.26
2.87	7.37	12.87	18.37	23.87	34	29.37	34.87	40.37	45.87 51.37
2.98	7.48	12.98	18.48	23.98	36	29.48	34.98	40.48	45.98 51.48
3.09	7.59	13.09	18.59	24.09	38	29.59	35.09	40.59	46.09 51.59
3.20	7.70	13.20	18.70	24.20	40	29.70	35.20	40.70	46.20 51.70
3.31	7.81	13.31	18.81	24.31	42	29.81	35.31	40.81	46.31 51.81
3.42	7.92	13.42	18.92	24.42	44	29.92	35.42	40.92	46.42 51.92
3.53	8.03	13.53	19.03	24.53	46	30.03	35.53	41.03	46.53 52.03
3.64	8.14	13.64	19.14	24.64	48	30.14	35.64	41.14	46.64 52.14
3.75	8.25	13.75	19.25	24.75	50	30.25	35.75	41.25	46.75 52.25

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.86	8.36	13.86	19.36	24.86	52	30.36	35.86	41.36	46.86 52.36
2.97	8.47	13.97	19.47	24.97	54	30.47	35.97	41.47	46.97 52.47
3.08	8.58	14.08	19.58	25.08	56	30.58	36.08	41.58	47.08 52.58
3.19	8.69	14.19	19.69	25.19	58	30.69	36.19	41.69	47.19 52.69
3.30	8.80	14.80	19.80	25.30	60	30.80	36.30	41.80	47.30 52.80
3.41	8.91	14.41	19.91	25.41	62	30.91	36.41	41.91	47.41 52.91
3.52	9.02	14.52	20.02	25.52	64	31.02	36.52	42.02	47.52 53.02
3.63	9.13	14.63	20.13	25.63	66	31.13	36.63	42.13	47.63 53.13
3.74	9.24	14.74	20.24	25.74	68	31.24	36.74	42.24	47.74 53.24
3.85	9.35	14.85	20.35	25.85	70	31.35	36.85	42.35	47.85 53.35
3.96	9.46	14.96	20.46	25.96	72	31.46	36.96	42.46	47.96 53.46
4.07	9.57	15.07	20.57	26.07	74	31.57	37.07	42.57	48.07 53.57
4.18	9.68	15.18	20.68	26.18	76	31.68	37.18	42.68	48.18 53.68
4.29	9.79	15.29	20.79	26.29	78	31.79	37.29	42.79	48.29 53.79
4.40	9.90	15.40	20.90	26.40	80	31.90	37.40	42.90	48.40 53.90
4.51	10.01	15.51	21.01	26.51	82	32.01	37.51	43.01	48.51 54.01
4.62	10.12	15.62	21.12	26.62	84	32.12	37.62	43.12	48.62 54.12
4.73	10.23	15.73	21.23	26.73	86	32.23	37.73	43.23	48.73 54.23
4.84	10.34	15.84	21.34	26.84	88	32.34	37.84	43.34	48.84 54.34
4.95	10.45	15.95	21.45	26.95	90	32.45	37.95	43.45	48.95 54.45
5.06	10.56	16.06	21.56	27.06	92	32.56	38.06	43.56	49.06 54.56
5.17	10.67	16.17	21.67	27.17	94	32.67	38.17	43.67	49.17 54.67
5.28	10.78	16.28	21.78	27.28	96	32.78	38.28	43.78	49.28 54.78
5.39	10.89	16.39	21.89	27.39	98	32.89	38.39	43.89	49.39 54.89

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
550.00	605.00	660.00	715.00	770.00	10	825.00	880.00	935.00	990.00 1045.00
1100.00	1155.00	1210.00	1265.00	1320.00	20	1375.00	1430.00	1485.00	1540.00 1595.00



FEET					FEET				
2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
5.53	11.05	16.58	22.10	27.63	33.15	38.68	44.20	49.73	
5.64	11.16	16.69	22.21	27.74	33.26	38.79	44.31	49.84	
5.75	11.27	16.80	22.32	27.85	33.37	38.90	44.42	49.95	
5.86	11.38	16.91	22.43	27.96	33.48	39.01	44.53	50.06	
5.97	11.49	17.02	22.54	28.07	33.59	39.12	44.64	50.17	
6.08	11.60	17.13	22.65	28.18	33.70	39.23	44.75	50.28	
6.19	11.71	17.24	22.76	28.29	33.81	39.34	44.86	50.39	
6.30	11.82	17.35	22.87	28.40	33.92	39.45	44.97	50.50	
6.41	11.93	17.46	22.98	28.51	34.03	39.56	45.08	50.61	
6.52	12.04	17.57	23.09	28.62	34.14	39.67	45.19	50.72	
6.63	12.16	17.68	23.21	28.73	34.26	39.78	45.31	50.83	
6.74	12.27	17.79	23.32	28.84	34.37	39.89	45.42	50.94	
6.85	12.38	17.90	23.43	28.95	34.48	40.00	45.53	51.05	
6.96	12.49	18.01	23.54	29.06	34.59	40.11	45.64	51.16	
7.07	12.60	18.12	23.65	29.17	34.70	40.22	45.75	51.27	
7.18	12.71	18.23	23.76	29.28	34.81	40.33	45.86	51.38	
7.29	12.82	18.34	23.87	29.39	34.92	40.44	45.97	51.49	
7.40	12.93	18.45	23.98	29.50	35.03	40.55	46.08	51.60	
7.51	13.04	18.56	24.09	29.61	35.14	40.66	46.19	51.71	
7.62	13.15	18.67	24.20	29.72	35.25	40.77	46.30	51.82	
7.74	13.26	18.79	24.31	29.84	35.36	40.89	46.41	51.94	
7.85	13.37	18.90	24.42	29.95	35.47	41.00	46.52	52.05	
7.96	13.48	19.01	24.53	30.06	35.58	41.11	46.63	52.16	
8.07	13.59	19.12	24.64	30.17	35.69	41.22	46.74	52.27	
8.18	13.70	19.23	24.75	30.28	35.80	41.33	46.85	52.38	
8.29	13.81	19.34	24.86	30.39	35.91	41.44	46.96	52.49	

2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
8.40	13.92	19.45	24.97	52	30.50	36.02	41.55	47.07	52.60
8.51	14.03	19.56	25.08	54	30.61	36.13	41.66	47.18	52.71
8.62	14.14	19.67	25.19	56	30.72	36.24	41.77	47.29	52.82
8.73	14.25	19.78	25.30	58	30.83	36.35	41.88	47.40	52.93
8.84	14.37	19.89	25.42	60	30.94	36.47	41.99	47.52	53.04
8.95	14.48	20.00	25.53	62	31.05	36.58	42.10	47.63	53.15
9.06	14.59	20.11	25.64	64	31.16	36.69	42.21	47.74	53.26
9.17	14.70	20.22	25.75	66	31.27	36.80	42.32	47.85	53.37
9.28	14.81	20.33	25.86	68	31.38	36.91	42.43	47.96	53.48
9.39	14.92	20.44	25.97	70	31.49	37.02	42.54	48.07	53.59
9.50	15.03	20.55	26.08	72	31.60	37.13	42.65	48.18	53.70
9.61	15.14	20.66	26.19	74	31.71	37.24	42.76	48.29	53.81
9.72	15.25	20.77	26.30	76	31.82	37.35	42.87	48.40	53.92
9.83	15.36	20.88	26.41	78	31.93	37.46	42.98	48.51	54.03
9.95	15.47	21.00	26.52	80	32.05	37.57	43.10	48.62	54.15
10.06	15.58	21.11	26.63	82	32.16	37.68	43.21	48.73	54.26
10.17	15.69	21.22	26.74	84	32.27	37.79	43.32	48.84	54.37
10.28	15.80	21.33	26.85	86	32.38	37.90	43.43	48.95	54.48
10.39	15.91	21.44	26.96	88	32.49	38.01	43.54	49.06	54.59
10.50	16.02	21.55	27.07	90	32.60	38.12	43.65	49.17	54.70
10.61	16.13	21.66	27.18	92	32.71	38.23	43.76	49.28	54.81
10.72	16.24	21.77	27.29	94	32.82	38.34	43.87	49.39	54.92
10.83	16.35	21.88	27.40	96	32.93	38.45	43.98	49.50	55.03
10.94	16.46	21.99	27.51	98	33.04	38.56	44.09	49.61	55.14

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
55.25	110.50	165.75	221.00		276.25	331.50	386.75	442.00	497.25
552.50	607.75	663.00	718.25	10	828.75	884.00	939.25	994.50	1049.75
1105.00	1160.25	1215.50	1270.75	20	1381.25	1436.50	1491.75	1547.00	1602.25

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2 to 98	FEET					FEET				
	100	200	300	400		feet	500	600	700	800
AMOUNT						AMOUNT				
	5.55	11.10	16.65	22.20		27.75	33.30	38.85	44.40	49.95
.11	5.66	11.21	16.76	22.31	2	27.86	33.41	38.96	44.51	50.06
.22	5.77	11.32	16.87	22.42	4	27.97	33.52	39.07	44.62	50.17
.33	5.88	11.43	16.98	22.53	6	28.08	33.63	39.18	44.73	50.28
.44	5.99	11.54	17.09	22.64	8	28.19	33.74	39.29	44.84	50.39
.56	6.11	11.66	17.21	22.76	10	28.31	33.86	39.41	44.96	50.51
.67	6.22	11.77	17.32	22.87	12	28.42	33.97	39.52	45.07	50.62
.78	6.33	11.88	17.43	22.98	14	28.53	34.08	39.63	45.18	50.73
.89	6.44	11.99	17.54	23.09	16	28.64	34.19	39.74	45.29	50.84
1.00	6.55	12.10	17.65	23.20	18	28.75	34.30	39.85	45.40	50.95
1.11	6.66	12.21	17.76	23.31	20	28.86	34.41	39.96	45.51	51.06
1.22	6.77	12.32	17.87	23.42	22	28.97	34.52	40.07	45.62	51.17
1.33	6.88	12.43	17.98	23.53	24	29.08	34.63	40.18	45.73	51.28
1.44	6.99	12.54	18.09	23.64	26	29.19	34.74	40.29	45.84	51.39
1.55	7.10	12.65	18.20	23.75	28	29.30	34.85	40.40	45.95	51.50
1.67	7.22	12.77	18.32	23.87	30	29.42	34.97	40.52	46.07	51.62
1.78	7.33	12.88	18.43	23.98	32	29.53	35.08	40.63	46.18	51.73
1.89	7.44	12.99	18.54	24.09	34	29.64	35.19	40.74	46.29	51.84
2.00	7.55	13.10	18.65	24.20	36	29.75	35.30	40.85	46.40	51.95
2.11	7.66	13.21	18.76	24.31	38	29.86	35.41	40.96	46.51	52.06
2.22	7.77	13.32	18.87	24.42	40	29.97	35.52	41.07	46.62	52.17
2.33	7.88	13.43	18.98	24.53	42	30.08	35.63	41.18	46.73	52.28
2.44	7.99	13.54	19.09	24.64	44	30.19	35.74	41.29	46.84	52.39
2.55	8.10	13.65	19.20	24.75	46	30.30	35.85	41.40	46.95	52.50
2.66	8.21	13.76	19.31	24.86	48	30.41	35.96	41.51	47.06	52.61
2.78	8.33	13.88	19.43	24.98	50	30.53	36.08	41.63	47.18	52.73

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
2.89	8.44	13.99	19.54	25.09	52	30.64	36.19	41.74	47.29	52.84
3.00	8.55	14.10	19.65	25.20	54	30.75	36.30	41.85	47.40	52.95
3.11	8.66	14.21	19.76	25.31	56	30.86	36.41	41.96	47.51	53.06
3.22	8.77	14.32	19.87	25.42	58	30.97	36.52	42.07	47.62	53.17
3.33	8.88	14.43	19.98	25.53	60	31.08	36.63	42.18	47.73	53.28
3.44	8.99	14.54	20.09	25.64	62	31.19	36.74	42.29	47.84	53.39
3.55	9.10	14.65	20.20	25.75	64	31.30	36.85	42.40	47.95	53.50
3.66	9.21	14.76	20.31	25.86	66	31.41	36.96	42.51	48.06	53.61
3.77	9.32	14.87	20.42	25.97	68	31.52	37.07	42.62	48.17	53.72
3.89	9.44	14.99	20.54	26.09	70	31.64	37.19	42.74	48.29	53.84
4.00	9.55	15.10	20.65	26.20	72	31.75	37.30	42.85	48.40	53.95
4.11	9.66	15.21	20.76	26.31	74	31.86	37.41	42.96	48.51	54.06
4.22	9.77	15.32	20.87	26.42	76	31.97	37.52	43.07	48.62	54.17
4.33	9.88	15.43	20.98	26.53	78	32.08	37.63	43.18	48.73	54.28
4.44	9.99	15.54	21.09	26.64	80	32.19	37.74	43.29	48.84	54.39
4.55	10.10	15.65	21.20	26.75	82	32.30	37.85	43.40	48.95	54.50
4.66	10.21	15.76	21.31	26.86	84	32.41	37.96	43.51	49.06	54.61
4.77	10.32	15.87	21.42	26.97	86	32.52	38.07	43.62	49.17	54.72
4.88	10.43	15.98	21.53	27.08	88	32.63	38.18	43.73	49.28	54.83
5.00	10.55	16.10	21.65	27.20	90	32.75	38.30	43.85	49.40	54.95
5.11	10.66	16.21	21.76	27.31	92	32.86	38.41	43.96	49.51	55.06
5.22	10.77	16.32	21.87	27.42	94	32.97	38.52	44.07	49.62	55.17
5.33	10.88	16.43	21.98	27.53	96	33.08	38.63	44.18	49.73	55.28
5.44	10.99	16.54	22.09	27.64	98	33.19	38.74	44.29	49.84	55.39

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
55.50	111.00	166.50	222.00		277.50	333.00	388.50	444.00	499.50
555.00	610.50	666.00	721.50	10	832.50	888.00	943.50	999.00	1054.50
1110.00	1165.50	1221.00	1276.50	20	1387.50	1443.00	1498.50	1554.00	1609.50



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	5.58	11.15	16.73	22.30		27.88	33.45	39.03	44.60	50.18
.11	5.69	11.26	16.84	22.41	2	27.99	33.56	39.14	44.71	50.29
.22	5.80	11.37	16.95	22.52	4	28.10	33.67	39.25	44.82	50.40
.33	5.91	11.48	17.06	22.63	6	28.21	33.78	39.36	44.93	50.51
.45	6.02	11.60	17.17	22.75	8	28.32	33.90	39.47	45.05	50.62
.56	6.13	11.71	17.28	22.86	10	28.43	34.01	39.58	45.16	50.73
.67	6.24	11.82	17.39	22.97	12	28.54	34.12	39.69	45.27	50.84
.78	6.36	11.93	17.51	23.08	14	28.66	34.23	39.81	45.38	50.96
.89	6.47	12.04	17.62	23.19	16	28.77	34.34	39.92	45.49	51.07
1.00	6.58	12.15	17.73	23.30	18	28.88	34.45	40.03	45.60	51.18
1.12	6.69	12.27	17.84	23.42	20	28.99	34.57	40.14	45.72	51.29
1.23	6.80	12.38	17.95	23.53	22	29.10	34.68	40.25	45.83	51.40
1.34	6.91	12.49	18.06	23.64	24	29.21	34.79	40.36	45.94	51.51
1.45	7.02	12.60	18.17	23.75	26	29.32	34.90	40.47	46.05	51.62
1.56	7.14	12.71	18.29	23.86	28	29.44	35.01	40.59	46.16	51.74
1.67	7.25	12.82	18.40	23.97	30	29.55	35.12	40.70	46.27	51.85
1.78	7.36	12.93	18.51	24.08	32	29.66	35.23	40.81	46.38	51.96
1.90	7.47	13.05	18.62	24.20	34	29.77	35.35	40.92	46.50	52.07
2.01	7.58	13.16	18.73	24.31	36	29.88	35.46	41.03	46.61	52.18
2.12	7.69	13.27	18.84	24.42	38	29.99	35.57	41.14	46.72	52.29
2.23	7.81	13.38	18.96	24.53	40	30.11	35.68	41.26	46.83	52.41
2.34	7.92	13.49	19.07	24.64	42	30.22	35.79	41.37	46.94	52.52
2.45	8.03	13.60	19.18	24.75	44	30.33	35.90	41.48	47.05	52.63
2.56	8.14	13.71	19.29	24.86	46	30.44	36.01	41.59	47.16	52.74
2.68	8.25	13.83	19.40	24.98	48	30.55	36.13	41.70	47.28	52.85
2.79	8.36	13.94	19.51	25.09	50	30.66	36.24	41.81	47.39	52.96

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
2.90	8.47	14.05	19.62	25.20	52	30.77	36.35	41.92	47.50	53.07
3.01	8.59	14.16	19.74	25.31	54	30.89	36.46	42.04	47.61	53.19
3.12	8.70	14.27	19.85	25.42	56	31.00	36.57	42.15	47.72	53.30
3.23	8.81	14.38	19.96	25.53	58	31.11	36.68	42.26	47.83	53.41
3.35	8.92	14.50	20.07	25.65	60	31.22	36.80	42.37	47.95	53.52
3.46	9.03	14.61	20.18	25.76	62	31.33	36.91	42.48	48.06	53.63
3.57	9.14	14.72	20.29	25.87	64	31.44	37.02	42.59	48.17	53.74
3.68	9.25	14.83	20.40	25.98	66	31.55	37.13	42.70	48.28	53.85
3.79	9.37	14.94	20.52	26.09	68	31.67	37.24	42.82	48.39	53.97
3.90	9.48	15.05	20.63	26.20	70	31.78	37.35	42.93	48.50	54.08
4.01	9.59	15.16	20.74	26.31	72	31.89	37.46	43.04	48.61	54.19
4.13	9.70	15.28	20.85	26.43	74	32.00	37.58	43.15	48.73	54.30
4.24	9.81	15.39	20.96	26.54	76	32.11	37.69	43.26	48.84	54.41
4.35	9.92	15.50	21.07	26.65	78	32.22	37.80	43.37	48.95	54.52
4.46	10.04	15.61	21.19	26.76	80	32.34	37.91	43.49	49.06	54.64
4.57	10.15	15.72	21.30	26.87	82	32.45	38.02	43.60	49.17	54.75
4.68	10.26	15.83	21.41	26.98	84	32.56	38.13	43.71	49.28	54.86
4.79	10.37	15.94	21.52	27.09	86	32.67	38.24	43.82	49.39	54.97
4.91	10.48	16.06	21.63	27.21	88	32.78	38.36	43.93	49.51	55.08
5.02	10.59	16.17	21.74	27.32	90	32.89	38.47	44.04	49.62	55.19
5.13	10.70	16.28	21.85	27.43	92	33.00	38.58	44.15	49.73	55.30
5.24	10.82	16.39	21.97	27.54	94	33.12	38.69	44.27	49.84	55.42
5.35	10.93	16.50	22.08	27.65	96	33.23	38.80	44.38	49.95	55.53
5.46	11.04	16.61	22.19	27.76	98	33.34	38.91	44.49	50.06	55.64

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
557.50	55.75	111.50	167.25	223.00		278.75	334.50	390.25	446.00	501.75
557.50	613.25	669.00	724.75	780.50	10	836.25	892.00	947.75	1003.50	1059.25
1115.00	1170.75	1226.50	1282.25	1338.00	20	1893.75	1449.50	1505.25	1561.00	1616.75

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F E E T					F E E T				
2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
1.01	5.60	11.20	16.80	22.40	1	28.00	33.60	39.20	44.80
1.11	5.71	11.31	16.91	22.51	2	28.11	33.71	39.31	44.91
1.22	5.82	11.42	17.02	22.62	3	28.22	33.82	39.42	45.02
1.34	5.94	11.54	17.14	22.74	4	28.34	33.94	39.54	45.14
1.45	6.05	11.65	17.25	22.85	5	28.45	34.05	39.65	45.25
1.56	6.16	11.76	17.36	22.96	6	28.56	34.16	39.76	45.36
1.67	6.27	11.87	17.47	23.07	7	28.67	34.27	39.87	45.47
1.78	6.38	11.98	17.58	23.18	8	28.78	34.38	39.98	45.58
1.90	6.50	12.10	17.70	23.30	9	28.90	34.50	40.10	45.70
1.01	6.61	12.21	17.81	23.41	10	29.01	34.61	40.21	45.81
1.12	6.72	12.32	17.92	23.52	11	29.12	34.72	40.32	45.92
1.23	6.83	12.43	18.03	23.63	12	29.23	34.83	40.43	46.03
1.34	6.94	12.54	18.14	23.74	13	29.34	34.94	40.54	46.14
1.46	7.06	12.66	18.26	23.86	14	29.46	35.06	40.66	46.26
1.57	7.17	12.77	18.37	23.97	15	29.57	35.17	40.77	46.37
1.68	7.28	12.88	18.48	24.08	16	29.68	35.28	40.88	46.48
1.79	7.39	12.99	18.59	24.19	17	29.79	35.39	40.99	46.59
1.90	7.50	13.10	18.70	24.30	18	29.90	35.50	41.10	46.70
2.02	7.62	13.22	18.82	24.42	19	30.02	35.62	41.22	46.82
2.13	7.73	13.33	18.93	24.53	20	30.13	35.73	41.33	46.93
2.24	7.84	13.44	19.04	24.64	21	30.24	35.84	41.44	47.04
2.35	7.95	13.55	19.15	24.75	22	30.35	35.95	41.55	47.15
2.46	8.06	13.66	19.26	24.86	23	30.46	36.06	41.66	47.26
2.58	8.18	13.78	19.38	24.98	24	30.58	36.18	41.78	47.38
2.69	8.29	13.89	19.49	25.09	25	30.69	36.29	41.89	47.49
2.80	8.40	14.00	19.60	25.20	26	30.80	36.40	42.00	47.60

2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
2.91	8.51	14.11	19.71	25.31	52	30.91	36.51	42.11	47.71
3.02	8.62	14.22	19.82	25.42	53	31.02	36.62	42.22	47.82
3.14	8.74	14.34	19.94	25.54	54	31.14	36.74	42.34	47.94
3.25	8.85	14.45	20.05	25.65	55	31.25	36.85	42.45	48.05
3.36	8.96	14.56	20.16	25.76	56	31.36	36.96	42.56	48.16
3.47	9.07	14.67	20.27	25.87	57	31.47	37.07	42.67	48.27
3.58	9.18	14.78	20.38	25.98	58	31.58	37.18	42.78	48.38
3.70	9.30	14.90	20.50	26.10	59	31.70	37.30	42.90	48.50
3.81	9.41	15.01	20.61	26.21	60	31.81	37.41	43.01	48.61
3.92	9.52	15.12	20.72	26.32	61	31.92	37.52	43.12	48.72
4.03	9.63	15.23	20.83	26.43	62	32.03	37.63	43.23	48.83
4.14	9.74	15.34	20.94	26.54	63	32.14	37.74	43.34	48.94
4.26	9.86	15.46	21.06	26.66	64	32.26	37.86	43.46	49.06
4.37	9.97	15.57	21.17	26.77	65	32.37	37.97	43.57	49.17
4.48	10.08	15.68	21.28	26.88	66	32.48	38.08	43.68	49.28
4.59	10.19	15.79	21.39	26.99	67	32.59	38.19	43.79	49.39
4.70	10.30	15.90	21.50	27.10	68	32.70	38.30	43.90	49.50
4.82	10.42	16.02	21.62	27.22	69	32.82	38.42	44.02	49.62
4.93	10.53	16.13	21.73	27.33	70	32.93	38.53	44.13	49.73
5.04	10.64	16.24	21.84	27.44	71	33.04	38.64	44.24	49.84
5.15	10.75	16.35	21.95	27.55	72	33.15	38.75	44.35	49.95
5.26	10.86	16.46	22.06	27.66	73	33.26	38.86	44.46	50.06
5.38	10.98	16.58	22.18	27.78	74	33.38	38.98	44.58	50.18
5.49	11.09	16.69	22.29	27.89	75	33.49	39.09	44.69	50.29

## Above 1 M.

M F E E T					M F E E T				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
560.00	56.00	112.00	168.00	224.00	10	280.00	336.00	392.00	448.00
600.00	61.00	122.00	178.00	234.00	11	300.00	360.00	420.00	480.00
640.00	66.00	132.00	188.00	244.00	12	320.00	384.00	440.00	500.00
680.00	71.00	142.00	198.00	254.00	13	340.00	408.00	460.00	520.00
720.00	76.00	152.00	208.00	264.00	14	360.00	432.00	480.00	540.00
760.00	81.00	162.00	218.00	274.00	15	380.00	456.00	500.00	560.00
800.00	86.00	172.00	228.00	284.00	16	400.00	480.00	520.00	580.00
840.00	91.00	182.00	238.00	294.00	17	420.00	504.00	540.00	600.00
880.00	96.00	192.00	248.00	304.00	18	440.00	528.00	560.00	620.00
920.00	101.00	202.00	258.00	314.00	19	460.00	552.00	580.00	640.00
960.00	106.00	212.00	268.00	324.00	20	480.00	576.00	600.00	660.00
1000.00	111.00	222.00	278.00	334.00					



FEET					FEET				
2 to 99	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
1	5.63	11.25	16.88	22.50	1	28.13	33.75	39.38	45.00
11	5.74	11.36	16.99	22.61	2	28.24	33.86	39.49	45.11
23	5.85	11.48	17.10	22.73	4	28.35	33.98	39.60	45.23
34	5.96	11.59	17.21	22.84	6	28.46	34.09	39.71	45.34
45	6.08	11.70	17.33	22.95	8	28.58	34.20	39.83	45.45
56	6.19	11.81	17.44	23.06	10	28.69	34.31	39.94	45.56
68	6.30	11.93	17.55	23.18	12	28.80	34.43	40.05	45.68
79	6.41	12.04	17.66	23.29	14	28.91	34.54	40.16	45.79
90	6.53	12.15	17.78	23.40	16	29.03	34.65	40.28	45.90
1.01	6.64	12.26	17.89	23.51	18	29.14	34.76	40.39	46.01
1.13	6.75	12.38	18.00	23.63	20	29.25	34.88	40.50	46.13
1.24	6.86	12.49	18.11	23.74	22	29.36	34.99	40.61	46.24
1.35	6.98	12.60	18.23	23.85	24	29.48	35.10	40.73	46.35
1.46	7.09	12.71	18.34	23.96	26	29.59	35.21	40.84	46.46
1.58	7.20	12.83	18.45	24.08	28	29.70	35.33	40.95	46.58
1.69	7.31	12.94	18.56	24.19	30	29.81	35.44	41.06	46.69
1.80	7.43	13.05	18.68	24.30	32	29.93	35.55	41.18	46.80
1.91	7.54	13.16	18.79	24.41	34	30.04	35.66	41.29	46.91
2.03	7.65	13.28	18.90	24.53	36	30.15	35.78	41.40	47.03
2.14	7.76	13.39	19.01	24.64	38	30.26	35.89	41.51	47.14
2.25	7.88	13.50	19.13	24.75	40	30.38	36.00	41.63	47.25
2.36	7.99	13.61	19.24	24.86	42	30.49	36.11	41.74	47.36
2.48	8.10	13.73	19.35	24.98	44	30.60	36.23	41.85	47.48
2.59	8.21	13.84	19.46	25.09	46	30.71	36.34	41.96	47.59
2.70	8.33	13.95	19.58	25.20	48	30.83	36.45	42.08	47.70
2.81	8.44	14.06	19.69	25.31	50	30.94	36.56	42.19	47.81

2 to 99	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
2.93	8.55	14.18	19.80	25.43	52	31.05	36.68	42.30	47.93
3.04	8.66	14.29	19.91	25.54	54	31.16	36.79	42.41	48.04
3.15	8.78	14.40	20.03	25.65	56	31.28	36.90	42.53	48.15
3.26	8.89	14.51	20.14	25.76	58	31.39	37.01	42.64	48.26
3.38	9.00	14.63	20.25	25.88	60	31.50	37.13	42.75	48.38
3.49	9.11	14.74	20.36	25.99	62	31.61	37.24	42.86	48.49
3.60	9.23	14.85	20.48	26.10	64	31.73	37.35	42.98	48.60
3.71	9.34	14.96	20.59	26.21	66	31.84	37.46	43.09	48.71
3.83	9.45	15.08	20.70	26.33	68	31.95	37.58	43.20	48.83
3.94	9.56	15.19	20.81	26.44	70	32.06	37.69	43.31	48.94
4.05	9.68	15.30	20.93	26.55	72	32.18	37.80	43.43	49.05
4.16	9.79	15.41	21.04	26.66	74	32.29	37.91	43.54	49.16
4.28	9.90	15.53	21.15	26.78	76	32.40	38.03	43.65	49.28
4.39	10.01	15.64	21.26	26.89	78	32.51	38.14	43.76	49.39
4.50	10.13	15.75	21.38	27.00	80	32.63	38.25	43.88	49.50
4.61	10.24	15.86	21.49	27.11	82	32.74	38.36	43.99	49.61
4.73	10.35	15.98	21.60	27.23	84	32.85	38.48	44.10	49.73
4.84	10.46	16.09	21.71	27.34	86	32.96	38.59	44.21	49.84
4.95	10.58	16.20	21.83	27.45	88	33.08	38.70	44.33	49.95
5.06	10.69	16.31	21.94	27.56	90	33.19	38.81	44.44	50.06
5.18	10.80	16.43	22.05	27.68	92	33.30	38.93	44.55	50.18
5.29	10.91	16.54	22.16	27.79	94	33.41	39.04	44.66	50.29
5.40	11.03	16.65	22.28	27.90	96	33.53	39.15	44.78	50.40
5.51	11.14	16.76	22.39	28.01	98	33.64	39.26	44.89	50.51

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
562.50	618.75	675.00	731.25	787.50	10	281.25	337.50	393.75	450.00
1125.00	1181.25	1237.50	1293.75	1350.00	20	843.75	900.00	956.25	1012.50
					30	1406.25	1462.50	1518.75	1575.00
					40				1631.25

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\$5.67½ Per 100

\$56.75 Per M.

207

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
5.68	11.35	17.03	22.70		28.38	34.05	39.73	45.40	51.08
11	5.79	11.46	17.14	22.81	2	28.49	34.16	39.84	45.51 51.19
23	5.90	11.58	17.25	22.93	4	28.60	34.28	39.95	45.63 51.30
34	6.02	11.69	17.37	23.04	6	28.72	34.39	40.07	45.74 51.42
45	6.13	11.80	17.48	23.15	8	28.83	34.50	40.18	45.85 51.53
57	6.24	11.92	17.59	23.27	10	28.94	34.62	40.29	45.97 51.64
68	6.36	12.03	17.71	23.38	12	29.06	34.73	40.41	46.08 51.76
79	6.47	12.14	17.82	23.49	14	29.17	34.84	40.52	46.19 51.87
91	6.58	12.26	17.93	23.61	16	29.28	34.96	40.63	46.31 51.98
1.02	6.70	12.37	18.05	23.72	18	29.40	35.07	40.75	46.42 52.10
1.14	6.81	12.49	18.16	23.84	20	29.51	35.19	40.86	46.54 52.21
1.25	6.92	12.60	18.27	23.95	22	29.62	35.30	40.97	46.65 52.32
1.36	7.04	12.71	18.39	24.06	24	29.74	35.41	41.09	46.76 52.44
1.48	7.15	12.83	18.50	24.18	26	29.85	35.53	41.20	46.88 52.55
1.59	7.26	12.94	18.61	24.29	28	29.96	35.64	41.31	46.99 52.66
1.70	7.38	13.05	18.73	24.40	30	30.08	35.75	41.43	47.10 52.78
1.82	7.49	13.17	18.84	24.52	32	30.19	35.87	41.54	47.22 52.89
1.93	7.60	13.28	18.95	24.63	34	30.30	35.98	41.65	47.33 53.00
2.04	7.72	13.39	19.07	24.74	36	30.42	36.09	41.77	47.44 53.12
2.16	7.83	13.51	19.18	24.86	38	30.53	36.21	41.88	47.56 53.23
2.27	7.95	13.62	19.30	24.97	40	30.65	36.32	42.00	47.67 53.35
2.38	8.06	13.73	19.41	25.08	42	30.76	36.43	42.11	47.78 53.46
2.50	8.17	13.85	19.52	25.20	44	30.87	36.55	42.22	47.90 53.57
2.61	8.29	13.96	19.64	25.31	46	30.99	36.66	42.34	48.01 53.69
2.72	8.40	14.07	19.75	25.42	48	31.10	36.77	42.45	48.12 53.80
2.84	8.51	14.19	19.86	25.54	50	31.21	36.89	42.56	48.24 53.91

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.95	8.63	14.30	19.98	25.65	52	31.33	37.00	42.68	48.35 54.03
3.06	8.74	14.41	20.09	25.76	54	31.44	37.11	42.79	48.46 54.14
3.18	8.85	14.53	20.20	25.88	56	31.55	37.23	42.90	48.58 54.25
3.29	8.97	14.64	20.32	25.99	58	31.67	37.34	43.02	48.69 54.37
3.41	9.08	14.76	20.43	26.11	60	31.78	37.46	43.13	48.81 54.48
3.52	9.19	14.87	20.54	26.22	62	31.89	37.57	43.24	48.92 54.59
3.63	9.31	14.98	20.66	26.33	64	32.01	37.68	43.36	49.03 54.71
3.75	9.42	15.10	20.77	26.45	66	32.12	37.80	43.47	49.15 54.82
3.86	9.53	15.21	20.88	26.56	68	32.23	37.91	43.58	49.26 54.93
3.97	9.65	15.32	21.00	26.67	70	32.35	38.02	43.70	49.37 55.05
4.09	9.76	15.44	21.11	26.79	72	32.46	38.14	43.81	49.49 55.16
4.20	9.87	15.55	21.22	26.90	74	32.57	38.25	43.92	49.60 55.27
4.31	9.99	15.66	21.34	27.01	76	32.69	38.36	44.04	49.71 55.39
4.43	10.10	15.78	21.45	27.13	78	32.80	38.48	44.15	49.83 55.50
4.54	10.22	15.89	21.57	27.24	80	32.92	38.59	44.27	49.94 55.62
4.65	10.33	16.00	21.68	27.35	82	33.03	38.70	44.38	50.05 55.73
4.77	10.44	16.12	21.79	27.47	84	33.14	38.82	44.49	50.17 55.84
4.88	10.56	16.23	21.91	27.58	86	33.26	38.93	44.61	50.28 55.96
4.99	10.67	16.34	22.02	27.69	88	33.37	39.04	44.72	50.39 56.07
5.11	10.78	16.46	22.13	27.81	90	33.48	39.16	44.83	50.51 56.18
5.22	10.90	16.57	22.25	27.92	92	33.60	39.27	44.95	50.62 56.30
5.33	11.01	16.68	22.36	28.03	94	33.71	39.38	45.06	50.73 56.41
5.45	11.12	16.80	22.47	28.15	96	33.82	39.50	45.17	50.85 56.52
5.56	11.24	16.91	22.59	28.26	98	33.94	39.61	45.29	50.96 56.64

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
567.50	624.25	681.00	737.75	794.50	10	283.75	340.50	397.25	454.00 510.75
1135.00	1191.75	1248.50	1305.25	1362.00	20	851.25	908.00	964.75	1021.50 1078.25
						1418.75	1475.50	1532.25	1589.00 1645.75

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R

FEET					FEET				
2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
5.70	11.40	17.10	22.80	28.50	34.20	39.90	45.60	51.30	
5.81	11.51	17.21	22.91	28.61	34.31	40.01	45.71	51.41	
5.93	11.63	17.33	23.03	28.73	34.43	40.13	45.83	51.53	
6.04	11.74	17.44	23.14	28.84	34.54	40.24	45.94	51.64	
6.16	11.86	17.56	23.26	28.96	34.66	40.36	46.06	51.76	
6.27	11.97	17.67	23.37	29.07	34.77	40.47	46.17	51.87	
6.38	12.08	17.78	23.48	29.18	34.88	40.58	46.28	51.98	
6.50	12.20	17.90	23.60	29.30	35.00	40.70	46.40	52.10	
6.61	12.31	18.01	23.71	29.41	35.11	40.81	46.51	52.21	
6.73	12.43	18.13	23.83	29.53	35.23	40.93	46.63	52.33	
6.84	12.54	18.24	23.94	29.64	35.34	41.04	46.74	52.44	
6.95	12.65	18.35	24.05	29.75	35.45	41.15	46.85	52.55	
7.07	12.77	18.47	24.17	29.87	35.57	41.27	46.97	52.67	
7.18	12.88	18.58	24.28	29.98	35.68	41.38	47.08	52.78	
7.30	13.00	18.70	24.40	30.10	35.80	41.50	47.20	52.90	
7.41	13.11	18.81	24.51	30.21	35.91	41.61	47.31	53.01	
7.52	13.22	18.92	24.62	30.32	36.02	41.72	47.42	53.12	
7.64	13.34	19.04	24.74	30.44	36.14	41.84	47.54	53.24	
7.75	13.45	19.15	24.85	30.55	36.25	41.95	47.65	53.35	
7.87	13.57	19.27	24.97	30.67	36.37	42.07	47.77	53.47	
7.98	13.68	19.38	25.08	30.78	36.48	42.18	47.88	53.58	
8.09	13.79	19.49	25.19	30.89	36.59	42.29	47.99	53.69	
8.21	13.91	19.61	25.31	31.01	36.71	42.41	48.11	53.81	
8.32	14.02	19.72	25.42	31.12	36.82	42.52	48.22	53.92	
8.44	14.14	19.84	25.54	31.24	36.94	42.64	48.34	54.04	
8.55	14.25	19.95	25.65	31.35	37.05	42.75	48.45	54.15	

2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
8.66	14.36	20.06	25.76	31.46	37.16	42.86	48.56	54.26	
8.78	14.48	20.18	25.88	31.58	37.28	42.98	48.68	54.38	
8.89	14.59	20.29	25.99	31.69	37.39	43.09	48.79	54.49	
9.01	14.71	20.41	26.11	31.81	37.51	43.21	48.91	54.61	
9.12	14.82	20.52	26.22	31.92	37.62	43.32	49.02	54.72	
9.23	14.93	20.63	26.33	32.03	37.73	43.43	49.13	54.83	
9.35	15.05	20.75	26.45	32.15	37.85	43.55	49.25	54.95	
9.46	15.16	20.86	26.56	32.26	37.96	43.66	49.36	55.06	
9.58	15.28	20.98	26.68	32.38	38.08	43.78	49.48	55.18	
9.69	15.39	21.09	26.79	32.49	38.19	43.89	49.59	55.29	
9.80	15.50	21.20	26.90	32.60	38.30	44.00	49.70	55.40	
9.92	15.62	21.32	27.02	32.72	38.42	44.12	49.82	55.52	
10.03	15.73	21.43	27.13	32.83	38.53	44.23	49.93	55.63	
10.15	15.85	21.55	27.25	32.95	38.65	44.35	50.05	55.75	
10.26	15.96	21.66	27.36	33.06	38.76	44.46	50.16	55.86	
10.37	16.07	21.77	27.47	33.17	38.87	44.57	50.27	55.97	
10.49	16.19	21.89	27.59	33.29	38.99	44.69	50.39	56.09	
10.60	16.30	22.00	27.70	33.40	39.10	44.80	50.50	56.20	
10.72	16.42	22.12	27.82	33.52	39.22	44.92	50.62	56.32	
10.83	16.53	22.23	27.93	33.63	39.33	45.03	50.73	56.43	
10.94	16.64	22.34	28.04	33.74	39.44	45.14	50.84	56.54	
11.06	16.76	22.46	28.16	33.86	39.56	45.26	50.96	56.66	
11.17	16.87	22.57	28.27	33.97	39.67	45.37	51.07	56.77	
11.29	16.99	22.69	28.39	34.09	39.79	45.49	51.19	56.89	

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
57.00	114.00	171.00	228.00		285.00	342.00	399.00	456.00	513.00
570.00	627.00	684.00	741.00	10	855.00	912.00	969.00	1026.00	1083.00
1140.00	1197.00	1254.00	1311.00	20	1425.00	1482.00	1539.00	1596.00	1653.00





2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
	5.75	11.50	17.25	23.00		28.75	34.50	40.25	46.00	51.75
12	5.87	11.62	17.37	23.12	2	28.87	34.62	40.37	46.12	51.87
23	5.98	11.73	17.48	23.23	4	28.98	34.73	40.48	46.23	51.98
35	6.10	11.85	17.60	23.35	6	29.10	34.85	40.60	46.35	52.10
46	6.21	11.96	17.71	23.46	8	29.21	34.96	40.71	46.46	52.21
58	6.33	12.08	17.83	23.58	10	29.33	35.08	40.83	46.58	52.33
69	6.44	12.19	17.94	23.69	12	29.44	35.19	40.94	46.69	52.44
81	6.56	12.31	18.06	23.81	14	29.56	35.31	41.06	46.81	52.56
92	6.67	12.42	18.17	23.92	16	29.67	35.42	41.17	46.92	52.67
104	6.79	12.54	18.29	24.04	18	29.79	35.54	41.29	47.04	52.79
115	6.90	12.65	18.40	24.15	20	29.90	35.65	41.40	47.15	52.90
127	7.02	12.77	18.52	24.27	22	30.02	35.77	41.52	47.27	53.02
138	7.13	12.88	18.63	24.38	24	30.13	35.88	41.63	47.38	53.13
150	7.25	13.00	18.75	24.50	26	30.25	36.00	41.75	47.50	53.25
161	7.36	13.11	18.86	24.61	28	30.36	36.11	41.86	47.61	53.36
173	7.48	13.23	18.98	24.73	30	30.48	36.23	41.98	47.73	53.48
184	7.59	13.34	19.09	24.84	32	30.59	36.34	42.09	47.84	53.59
196	7.71	13.46	19.21	24.96	34	30.71	36.46	42.21	47.96	53.71
207	7.82	13.57	19.32	25.07	36	30.82	36.57	42.32	48.07	53.82
219	7.94	13.69	19.44	25.19	38	30.94	36.69	42.44	48.19	53.94
230	8.05	13.80	19.55	25.30	40	31.05	36.80	42.55	48.30	54.05
242	8.17	13.92	19.67	25.42	42	31.17	36.92	42.67	48.42	54.17
253	8.28	14.03	19.78	25.53	44	31.28	37.03	42.78	48.53	54.28
265	8.40	14.15	19.90	25.65	46	31.40	37.15	42.90	48.65	54.40
276	8.51	14.26	20.01	25.76	48	31.51	37.26	43.01	48.76	54.51
288	8.63	14.38	20.13	25.88	50	31.63	37.38	43.13	48.88	54.63

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
2.99	8.74	14.49	20.24	25.99	52	31.74	37.49	43.24	48.99	54.74
3.11	8.86	14.61	20.36	26.11	54	31.86	37.61	43.36	49.11	54.86
3.22	8.97	14.72	20.47	26.22	56	31.97	37.72	43.47	49.22	54.97
3.34	9.09	14.84	20.59	26.34	58	32.09	37.84	43.59	49.34	55.09
3.45	9.20	14.95	20.70	26.45	60	32.20	37.95	43.70	49.45	55.20
3.57	9.32	15.07	20.82	26.57	62	32.32	38.07	43.82	49.57	55.32
3.68	9.43	15.18	20.93	26.68	64	32.43	38.18	43.93	49.68	55.43
3.80	9.55	15.30	21.05	26.80	66	32.55	38.30	44.05	49.80	55.55
3.91	9.66	15.41	21.16	26.91	68	32.66	38.41	44.16	49.91	55.66
4.03	9.78	15.53	21.28	27.03	70	32.78	38.53	44.28	50.03	55.78
4.14	9.89	15.64	21.39	27.14	72	32.89	38.64	44.39	50.14	55.89
4.26	10.01	15.76	21.51	27.26	74	33.01	38.76	44.51	50.26	56.01
4.37	10.12	15.87	21.62	27.37	76	33.12	38.87	44.62	50.37	56.12
4.49	10.24	15.99	21.74	27.49	78	33.24	38.99	44.74	50.49	56.24
4.60	10.35	16.10	21.85	27.60	80	33.35	39.10	44.85	50.60	56.35
4.72	10.47	16.22	21.97	27.72	82	33.47	39.22	44.97	50.72	56.47
4.83	10.58	16.33	22.08	27.83	84	33.58	39.33	45.08	50.83	56.58
4.95	10.70	16.45	22.20	27.95	86	33.70	39.45	45.20	50.95	56.70
5.06	10.81	16.56	22.31	28.06	88	33.81	39.56	45.31	51.06	56.81
5.18	10.93	16.68	22.43	28.18	90	33.93	39.68	45.43	51.18	56.93
5.29	11.04	16.79	22.54	28.29	92	34.04	39.79	45.54	51.29	57.04
5.41	11.16	16.91	22.66	28.41	94	34.16	39.91	45.66	51.41	57.16
5.52	11.27	17.02	22.77	28.52	96	34.27	40.02	45.77	51.52	57.27
5.64	11.39	17.14	22.89	28.64	98	34.39	40.14	45.89	51.64	57.39

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
575.00	575.00	115.00	172.50	230.00		287.50	345.00	402.50	460.00
575.00	632.50	690.00	747.50	805.00	10	862.50	920.00	977.50	1035.00
1150.00	1207.50	1265.00	1322.50	1380.00	20	1437.50	1495.00	1552.50	1610.00



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
5.78	11.55	17.33	23.10	23.10	28.88	34.65	40.43	46.20	51.98
1.12	5.89	11.67	17.44	23.22	2	28.99	34.77	40.54	46.32 52.09
.23	6.01	11.78	17.56	23.33	4	29.11	34.88	40.66	46.43 52.21
.35	6.12	11.90	17.67	23.45	6	29.22	35.00	40.77	46.55 52.32
.46	6.24	12.01	17.79	23.56	8	29.34	35.11	40.89	46.66 52.44
.58	6.35	12.13	17.90	23.68	10	29.45	35.23	41.00	46.78 52.55
.69	6.47	12.24	18.02	23.79	12	29.57	35.34	41.12	46.89 52.67
.81	6.58	12.36	18.13	23.91	14	29.68	35.46	41.23	47.01 52.78
.92	6.70	12.47	18.25	24.02	16	29.80	35.57	41.35	47.12 52.90
1.04	6.81	12.59	18.36	24.14	18	29.91	35.69	41.46	47.24 53.01
1.16	6.93	12.71	18.48	24.26	20	30.03	35.81	41.58	47.36 53.13
1.27	7.05	12.82	18.60	24.37	22	30.15	35.92	41.70	47.47 53.25
1.39	7.16	12.94	18.71	24.49	24	30.26	36.04	41.81	47.59 53.36
1.50	7.28	13.05	18.83	24.60	26	30.38	36.15	41.93	47.70 53.48
1.62	7.39	13.17	18.94	24.72	28	30.49	36.27	42.04	47.82 53.59
1.73	7.51	13.28	19.06	24.83	30	30.61	36.38	42.16	47.93 53.71
1.85	7.62	13.40	19.17	24.95	32	30.72	36.50	42.27	48.05 53.82
1.96	7.74	13.51	19.29	25.06	34	30.84	36.61	42.39	48.16 53.94
2.08	7.85	13.63	19.40	25.18	36	30.95	36.73	42.50	48.28 54.05
2.19	7.97	13.74	19.52	25.29	38	31.07	36.84	42.62	48.39 54.17
2.31	8.09	13.86	19.64	25.41	40	31.19	36.96	42.74	48.51 54.29
2.43	8.20	13.98	19.75	25.53	42	31.30	37.08	42.85	48.63 54.40
2.54	8.32	14.09	19.87	25.64	44	31.42	37.19	42.97	48.74 54.52
2.66	8.43	14.21	19.98	25.76	46	31.53	37.31	43.08	48.86 54.63
2.77	8.55	14.32	20.10	25.87	48	31.65	37.42	43.20	48.97 54.75
2.89	8.66	14.44	20.21	25.99	50	31.76	37.54	43.31	49.09 54.86

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.00	8.78	14.55	20.33	26.10	52	31.88	37.65	43.43	49.20 54.98
3.12	8.89	14.67	20.44	26.22	54	31.99	37.77	43.54	49.32 55.09
3.23	9.01	14.78	20.56	26.33	56	32.11	37.88	43.66	49.43 55.21
3.35	9.12	14.90	20.67	26.45	58	32.22	38.00	43.77	49.55 55.32
3.47	9.24	15.02	20.79	26.57	60	32.34	38.12	43.89	49.67 55.44
3.58	9.36	15.13	20.91	26.68	62	32.46	38.23	44.01	49.78 55.56
3.70	9.47	15.25	21.02	26.80	64	32.57	38.35	44.12	49.90 55.67
3.81	9.59	15.36	21.14	26.91	66	32.69	38.46	44.24	50.01 55.79
3.93	9.70	15.48	21.25	27.03	68	32.80	38.58	44.35	50.13 55.90
4.04	9.82	15.59	21.37	27.14	70	32.92	38.69	44.47	50.24 56.02
4.16	9.93	15.71	21.48	27.26	72	33.03	38.81	44.58	50.36 56.13
4.27	10.05	15.82	21.60	27.37	74	33.15	38.92	44.70	50.47 56.25
4.39	10.16	15.94	21.71	27.49	76	33.26	39.04	44.81	50.59 56.36
4.50	10.28	16.05	21.83	27.60	78	33.38	39.15	44.93	50.70 56.48
4.62	10.40	16.17	21.95	27.72	80	33.50	39.27	45.05	50.82 56.60
4.74	10.51	16.29	22.06	27.84	82	33.61	39.39	45.16	50.94 56.71
4.85	10.63	16.40	22.18	27.95	84	33.73	39.50	45.28	51.05 56.83
4.97	10.74	16.52	22.29	28.07	86	33.84	39.62	45.39	51.17 56.94
5.08	10.86	16.63	22.41	28.18	88	33.96	39.73	45.51	51.28 57.06
5.20	10.97	16.75	22.52	28.30	90	34.07	39.85	45.62	51.40 57.17
5.31	11.09	16.86	22.64	28.41	92	34.19	39.96	45.74	51.51 57.29
5.43	11.20	16.98	22.75	28.53	94	34.30	40.08	45.85	51.63 57.40
5.54	11.32	17.09	22.87	28.64	96	34.42	40.19	45.97	51.74 57.52
5.66	11.43	17.21	22.98	28.76	98	34.53	40.31	46.08	51.86 57.63

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
57.75	115.50	173.25	231.00		288.75	346.50	404.25	462.00	519.75
577.50	635.25	693.00	750.75	808.50	10	806.25	924.00	981.75	1039.50
1155.00	1212.75	1270.50	1328.25	1386.00	20	1443.75	1501.50	1559.25	1617.00

\$58

\$59

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R

FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
5.80	11.60	17.40	23.20		29.00	34.80	40.60	46.40	52.20
5.92	11.72	17.52	23.32	2	29.12	34.92	40.72	46.52	52.32
6.03	11.83	17.63	23.43	4	29.23	35.03	40.83	46.63	52.43
6.15	11.95	17.75	23.55	6	29.35	35.15	40.95	46.75	52.55
6.26	12.06	17.86	23.66	8	29.46	35.26	41.06	46.86	52.66
6.38	12.18	17.98	23.78	10	29.58	35.38	41.18	46.98	52.78
6.50	12.30	18.10	23.90	12	29.70	35.50	41.30	47.10	52.90
6.61	12.41	18.21	24.01	14	29.81	35.61	41.41	47.21	53.01
6.73	12.53	18.33	24.13	16	29.93	35.73	41.53	47.33	53.13
6.84	12.64	18.44	24.24	18	30.04	35.84	41.64	47.44	53.24
6.96	12.76	18.56	24.36	20	30.16	35.96	41.76	47.56	53.36
7.08	12.88	18.68	24.48	22	30.28	36.08	41.88	47.68	53.48
7.19	12.99	18.79	24.59	24	30.39	36.19	41.99	47.79	53.59
7.31	13.11	18.91	24.71	26	30.51	36.31	42.11	47.91	53.71
7.42	13.22	19.02	24.82	28	30.62	36.42	42.22	48.02	53.82
7.54	13.34	19.14	24.94	30	30.74	36.54	42.34	48.14	53.94
7.66	13.46	19.26	25.06	32	30.86	36.66	42.46	48.26	54.06
7.77	13.57	19.37	25.17	34	30.97	36.77	42.57	48.37	54.17
7.89	13.69	19.49	25.29	36	31.09	36.89	42.69	48.49	54.29
8.00	13.80	19.60	25.40	38	31.20	37.00	42.80	48.60	54.40
8.12	13.92	19.72	25.52	40	31.32	37.12	42.92	48.72	54.52
8.24	14.04	19.84	25.64	42	31.44	37.24	43.04	48.84	54.64
8.35	14.15	19.95	25.75	44	31.55	37.35	43.15	48.95	54.75
8.47	14.27	20.07	25.87	46	31.67	37.47	43.27	49.07	54.87
8.58	14.38	20.18	25.98	48	31.78	37.58	43.38	49.18	54.98
8.70	14.50	20.30	26.10	50	31.90	37.70	43.50	49.30	55.10

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
8.82	14.62	20.42	26.22	52	32.02	37.82	43.62	49.42	55.22
8.93	14.73	20.53	26.33	54	32.13	37.93	43.73	49.53	55.33
9.05	14.85	20.65	26.45	56	32.25	38.05	43.85	49.65	55.45
9.16	14.96	20.76	26.56	58	32.36	38.16	43.96	49.76	55.56
9.28	15.08	20.88	26.68	60	32.48	38.28	44.08	49.88	55.68
9.40	15.20	21.00	26.80	62	32.60	38.40	44.20	50.00	55.80
9.51	15.31	21.11	26.91	64	32.71	38.51	44.31	50.11	55.91
9.63	15.43	21.23	27.03	66	32.83	38.63	44.43	50.23	56.03
9.74	15.54	21.34	27.14	68	32.94	38.74	44.54	50.34	56.14
9.86	15.66	21.46	27.26	70	33.06	38.86	44.66	50.46	56.26
9.98	15.78	21.58	27.38	72	33.18	38.98	44.78	50.58	56.38
10.09	15.89	21.69	27.49	74	33.29	39.09	44.89	50.69	56.49
10.21	16.01	21.81	27.61	76	33.41	39.21	45.01	50.81	56.61
10.32	16.12	21.92	27.72	78	33.52	39.32	45.12	50.92	56.72
10.44	16.24	22.04	27.84	80	33.64	39.44	45.24	51.04	56.84
10.56	16.36	22.16	27.96	82	33.76	39.56	45.36	51.16	56.96
10.67	16.47	22.27	28.07	84	33.87	39.67	45.47	51.27	57.07
10.79	16.59	22.39	28.19	86	33.99	39.79	45.59	51.39	57.19
10.90	16.70	22.50	28.30	88	34.10	39.90	45.70	51.50	57.30
11.02	16.82	22.62	28.42	90	34.22	40.02	45.82	51.62	57.42
11.14	16.94	22.74	28.54	92	34.34	40.14	45.94	51.74	57.54
11.25	17.05	22.85	28.65	94	34.45	40.25	46.05	51.85	57.65
11.37	17.17	22.97	28.77	96	34.57	40.37	46.17	51.97	57.77
11.48	17.28	23.08	28.88	98	34.68	40.48	46.28	52.08	57.88

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
58.00	116.00	174.00	232.00		290.00	348.00	406.00	464.00	522.00
690.00	898.00	1096.00	1294.00	10	870.00	928.00	986.00	1044.00	1102.00
1180.00	1218.00	1276.00	1334.00	20	1450.00	1508.00	1566.00	1624.00	1682.00



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	5.83	11.65	17.48	23.30		29.13	34.95	40.78	46.60	52.43
12	5.94	11.77	17.59	23.42	2	29.24	35.07	40.89	46.72	52.54
23	6.06	11.88	17.71	23.53	4	29.36	35.18	41.01	46.83	52.66
35	6.17	12.00	17.82	23.65	6	29.47	35.30	41.12	46.95	52.77
47	6.29	12.12	17.94	23.77	8	29.59	35.42	41.24	47.07	52.89
58	6.41	12.23	18.06	23.88	10	29.71	35.53	41.36	47.18	53.01
70	6.52	12.35	18.17	24.00	12	29.82	35.65	41.47	47.30	53.12
82	6.64	12.47	18.29	24.12	14	29.94	35.77	41.59	47.42	53.24
93	6.76	12.58	18.41	24.23	16	30.06	35.88	41.71	47.53	53.36
1.05	6.87	12.70	18.52	24.35	18	30.17	36.00	41.82	47.65	53.47
1.17	6.99	12.82	18.64	24.47	20	30.29	36.12	41.94	47.77	53.59
1.28	7.11	12.93	18.76	24.58	22	30.41	36.23	42.06	47.88	53.71
1.40	7.22	13.05	18.87	24.70	24	30.52	36.35	42.17	48.00	53.82
1.51	7.34	13.16	18.99	24.81	26	30.64	36.46	42.29	48.11	53.94
1.63	7.46	13.28	19.11	24.93	28	30.76	36.58	42.41	48.23	54.06
1.75	7.57	13.40	19.22	25.05	30	30.87	36.70	42.52	48.35	54.17
1.86	7.69	13.51	19.34	25.16	32	30.99	36.81	42.64	48.46	54.29
1.98	7.81	13.63	19.46	25.28	34	31.11	36.93	42.76	48.58	54.41
2.10	7.92	13.75	19.57	25.40	36	31.22	37.05	42.87	48.70	54.52
2.21	8.04	13.86	19.69	25.51	38	31.34	37.16	42.99	48.81	54.64
2.33	8.16	13.98	19.81	25.63	40	31.46	37.28	43.11	48.93	54.76
2.45	8.27	14.10	19.92	25.75	42	31.57	37.40	43.22	49.05	54.87
2.56	8.39	14.21	20.04	25.86	44	31.69	37.51	43.34	49.16	54.99
2.68	8.50	14.33	20.15	25.98	46	31.80	37.63	43.45	49.28	55.10
2.80	8.62	14.45	20.27	26.10	48	31.92	37.75	43.57	49.40	55.22
2.91	8.74	14.56	20.39	26.21	50	32.04	37.86	43.69	49.51	55.34

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
3.03	8.85	14.68	20.50	26.33	52	32.15	37.98	43.80	49.63	55.45
3.15	8.97	14.80	20.62	26.45	54	32.27	38.10	43.92	49.75	55.57
3.26	9.09	14.91	20.74	26.56	56	32.39	38.21	44.04	49.86	55.69
3.38	9.20	15.03	20.85	26.68	58	32.50	38.33	44.15	49.98	55.80
3.50	9.32	15.15	20.97	26.80	60	32.62	38.45	44.27	50.10	55.92
3.61	9.44	15.26	21.09	26.91	62	32.74	38.56	44.39	50.21	56.04
3.73	9.55	15.38	21.20	27.03	64	32.85	38.68	44.50	50.33	56.15
3.84	9.67	15.49	21.32	27.14	66	32.97	38.79	44.62	50.44	56.27
3.96	9.79	15.61	21.44	27.26	68	33.09	38.91	44.74	50.56	56.39
4.08	9.90	15.73	21.55	27.38	70	33.20	39.03	44.85	50.68	56.50
4.19	10.02	15.84	21.67	27.49	72	33.32	39.14	44.97	50.79	56.62
4.31	10.14	15.96	21.79	27.61	74	33.44	39.26	45.09	50.91	56.74
4.43	10.25	16.08	21.90	27.73	76	33.55	39.38	45.20	51.03	56.85
4.54	10.37	16.19	22.02	27.84	78	33.67	39.49	45.32	51.14	56.97
4.66	10.49	16.31	22.14	27.96	80	33.79	39.61	45.44	51.26	57.09
4.78	10.60	16.43	22.25	28.08	82	33.90	39.73	45.55	51.38	57.20
4.89	10.72	16.54	22.37	28.19	84	34.02	39.84	45.67	51.49	57.32
5.01	10.83	16.66	22.48	28.31	86	34.13	39.96	45.78	51.61	57.43
5.13	10.95	16.78	22.60	28.43	88	34.25	40.08	45.90	51.73	57.55
5.24	11.07	16.89	22.72	28.54	90	34.37	40.19	46.02	51.84	57.67
5.36	11.18	17.01	22.83	28.66	92	34.48	40.31	46.13	51.96	57.78
5.48	11.30	17.13	22.95	28.78	94	34.60	40.43	46.25	52.08	57.90
5.59	11.42	17.24	23.07	28.89	96	34.72	40.54	46.37	52.19	58.02
5.71	11.53	17.36	23.18	29.01	98	34.83	40.66	46.48	52.31	58.13

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
58.25	116.50	174.75	233.00		291.25	349.50	407.75	466.00	524.25
582.50	640.75	699.00	757.25	815.50	10	873.75	932.00	990.25	1048.50
1165.00	1223.25	1281.50	1339.75	1398.00	20	1456.25	1514.50	1572.75	1631.00

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R

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	5.85	11.70	17.55	23.40		29.25	35.10	40.95	46.80 52.65
.12	5.97	11.82	17.67	23.52	2	29.37	35.22	41.07	46.92 52.77
.23	6.08	11.93	17.78	23.63	4	29.48	35.33	41.18	47.03 52.88
.35	6.20	12.05	17.90	23.75	6	29.60	35.45	41.30	47.15 53.00
.47	6.32	12.17	18.02	23.87	8	29.72	35.57	41.42	47.27 53.12
.59	6.44	12.29	18.14	23.99	10	29.84	35.69	41.54	47.39 53.24
.70	6.55	12.40	18.25	24.10	12	29.95	35.80	41.65	47.50 53.35
.82	6.67	12.52	18.37	24.22	14	30.07	35.92	41.77	47.62 53.47
.94	6.79	12.64	18.49	24.34	16	30.19	36.04	41.89	47.74 53.59
1.05	6.90	12.75	18.60	24.45	18	30.30	36.15	42.00	47.85 53.70
1.17	7.02	12.87	18.72	24.57	20	30.42	36.27	42.12	47.97 53.82
1.29	7.14	12.99	18.84	24.69	22	30.54	36.39	42.24	48.09 53.94
1.40	7.25	13.10	18.95	24.80	24	30.65	36.50	42.35	48.20 54.05
1.52	7.37	13.22	19.07	24.92	26	30.77	36.62	42.47	48.32 54.17
1.64	7.49	13.34	19.19	25.04	28	30.89	36.74	42.59	48.44 54.29
1.76	7.61	13.46	19.31	25.16	30	31.01	36.86	42.71	48.56 54.41
1.87	7.72	13.57	19.42	25.27	32	31.12	36.97	42.82	48.67 54.52
1.99	7.84	13.69	19.54	25.39	34	31.24	37.09	42.94	48.79 54.64
2.11	7.96	13.81	19.66	25.51	36	31.36	37.21	43.06	48.91 54.76
2.22	8.07	13.92	19.77	25.62	38	31.47	37.32	43.17	49.02 54.87
2.34	8.19	14.04	19.89	25.74	40	31.59	37.44	43.29	49.14 54.99
2.46	8.31	14.16	20.01	25.86	42	31.71	37.56	43.41	49.26 55.11
2.57	8.42	14.27	20.12	25.97	44	31.82	37.67	43.52	49.37 55.22
2.69	8.54	14.39	20.24	26.09	46	31.94	37.79	43.64	49.49 55.34
2.81	8.66	14.51	20.36	26.21	48	32.06	37.91	43.76	49.61 55.46
2.93	8.78	14.63	20.48	26.33	50	32.18	38.03	43.88	49.73 55.58

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.04	8.89	14.74	20.59	26.44	52	32.29	38.14	43.99	49.84 55.69
3.16	9.01	14.86	20.71	26.56	54	32.41	38.26	44.11	49.96 55.81
3.28	9.13	14.98	20.83	26.68	56	32.53	38.38	44.23	50.08 55.93
3.39	9.24	15.09	20.94	26.79	58	32.64	38.49	44.34	50.19 56.04
3.51	9.36	15.21	21.06	26.91	60	32.76	38.61	44.46	50.31 56.16
3.63	9.48	15.33	21.18	27.03	62	32.88	38.73	44.58	50.43 56.28
3.74	9.59	15.44	21.29	27.14	64	32.99	38.84	44.69	50.54 56.39
3.86	9.71	15.56	21.41	27.26	66	33.11	38.96	44.81	50.66 56.51
3.98	9.83	15.68	21.53	27.38	68	33.23	39.08	44.93	50.78 56.63
4.10	9.95	15.80	21.65	27.50	70	33.35	39.20	45.05	50.90 56.75
4.21	10.06	15.91	21.76	27.61	72	33.46	39.31	45.16	51.01 56.86
4.33	10.18	16.03	21.88	27.73	74	33.58	39.43	45.28	51.13 56.98
4.45	10.30	16.15	22.00	27.85	76	33.70	39.55	45.40	51.25 57.10
4.56	10.41	16.26	22.11	27.96	78	33.81	39.66	45.51	51.36 57.21
4.68	10.53	16.38	22.23	28.08	80	33.93	39.78	45.63	51.48 57.33
4.80	10.65	16.50	22.35	28.20	82	34.05	39.90	45.75	51.60 57.45
4.91	10.76	16.61	22.46	28.31	84	34.16	40.01	45.86	51.71 57.56
5.03	10.88	16.73	22.58	28.43	86	34.28	40.13	45.98	51.83 57.68
5.15	11.00	16.85	22.70	28.55	88	34.40	40.25	46.10	51.95 57.80
5.27	11.12	16.97	22.82	28.67	90	34.52	40.37	46.22	52.07 57.92
5.38	11.23	17.08	22.93	28.78	92	34.63	40.48	46.33	52.18 58.03
5.50	11.35	17.20	23.05	28.90	94	34.75	40.60	46.45	52.30 58.15
5.62	11.47	17.32	23.17	29.02	96	34.87	40.72	46.57	52.42 58.27
5.73	11.58	17.43	23.28	29.13	98	34.98	40.83	46.68	52.53 58.38

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
58.50	117.00	175.50	234.00		292.50	351.00	409.50	468.00	526.50
600.00	613.50	702.00	760.50	819.00	10	877.50	936.00	994.50	1053.00
1170.00	1228.50	1287.00	1345.50	1404.00	20	1462.50	1521.00	1579.50	1638.00



FEET									
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
1.06	5.88	11.75	17.63	23.50	1	29.38	35.25	41.13	47.00 52.88
1.12	5.99	11.87	17.74	23.62	2	29.49	35.37	41.24	47.12 52.99
1.24	6.11	11.99	17.86	23.74	4	29.61	35.49	41.36	47.24 53.11
1.35	6.23	12.10	17.98	23.85	6	29.73	35.60	41.48	47.35 53.23
1.47	6.35	12.22	18.10	23.97	8	29.85	35.72	41.60	47.47 53.35
1.59	6.46	12.34	18.21	24.09	10	29.96	35.84	41.71	47.59 53.46
1.71	6.58	12.46	18.33	24.21	12	30.08	35.96	41.83	47.71 53.58
1.82	6.70	12.57	18.45	24.32	14	30.20	36.07	41.95	47.82 53.70
1.94	6.82	12.69	18.57	24.44	16	30.32	36.19	42.07	47.94 53.82
1.06	6.93	12.81	18.68	24.56	18	30.43	36.31	42.18	48.06 53.93
1.18	7.05	12.93	18.80	24.68	20	30.55	36.43	42.30	48.18 54.05
1.29	7.17	13.04	18.92	24.79	22	30.67	36.54	42.42	48.29 54.17
1.41	7.29	13.16	19.04	24.91	24	30.79	36.66	42.54	48.41 54.29
1.53	7.40	13.28	19.15	25.03	26	30.90	36.78	42.65	48.53 54.40
1.65	7.52	13.40	19.27	25.15	28	31.02	36.90	42.77	48.65 54.52
1.76	7.64	13.51	19.39	25.26	30	31.14	37.01	42.89	48.76 54.64
1.88	7.76	13.63	19.51	25.38	32	31.26	37.13	43.01	48.88 54.76
2.00	7.87	13.75	19.62	25.50	34	31.37	37.25	43.12	49.00 54.87
2.12	7.99	13.87	19.74	25.62	36	31.49	37.37	43.24	49.12 54.99
2.23	8.11	13.98	19.86	25.73	38	31.61	37.48	43.36	49.23 55.11
2.35	8.23	14.10	19.98	25.85	40	31.73	37.60	43.48	49.35 55.23
2.47	8.34	14.22	20.09	25.97	42	31.84	37.72	43.59	49.47 55.34
2.59	8.46	14.34	20.21	26.09	44	31.96	37.84	43.71	49.59 55.46
2.70	8.58	14.45	20.33	26.20	46	32.08	37.95	43.83	49.70 55.58
2.82	8.70	14.57	20.45	26.32	48	32.20	38.07	43.95	49.82 55.70
2.94	8.81	14.69	20.56	26.44	50	32.31	38.19	44.06	49.94 55.81

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.06	8.93	14.81	20.68	26.56	52	32.43	38.31	44.18	50.06 55.93
3.17	9.05	14.92	20.80	26.67	54	32.55	38.42	44.30	50.17 56.05
3.29	9.17	15.04	20.92	26.79	56	32.67	38.54	44.42	50.29 56.17
3.41	9.28	15.16	21.03	26.91	58	32.78	38.66	44.53	50.41 56.28
3.53	9.40	15.28	21.15	27.03	60	32.90	38.78	44.65	50.53 56.40
3.64	9.52	15.39	21.27	27.14	62	33.02	38.89	44.77	50.64 56.52
3.76	9.64	15.51	21.39	27.26	64	33.14	39.01	44.89	50.76 56.64
3.88	9.75	15.63	21.50	27.38	66	33.25	39.13	45.00	50.88 56.75
4.00	9.87	15.75	21.62	27.50	68	33.37	39.25	45.12	51.00 56.87
4.11	9.99	15.86	21.74	27.61	70	33.49	39.36	45.24	51.11 56.99
4.23	10.11	15.98	21.86	27.73	72	33.61	39.48	45.36	51.23 57.11
4.35	10.22	16.10	21.97	27.85	74	33.72	39.60	45.47	51.35 57.22
4.47	10.34	16.22	22.09	27.97	76	33.84	39.72	45.59	51.47 57.34
4.58	10.46	16.33	22.21	28.08	78	33.96	39.83	45.71	51.58 57.46
4.70	10.58	16.45	22.33	28.20	80	34.08	39.95	45.83	51.70 57.58
4.82	10.69	16.57	22.44	28.32	82	34.19	40.07	45.94	51.82 57.69
4.94	10.81	16.69	22.56	28.44	84	34.31	40.19	46.06	51.94 57.81
5.05	10.93	16.80	22.68	28.55	86	34.43	40.30	46.18	52.05 57.93
5.17	11.05	16.92	22.80	28.67	88	34.55	40.42	46.30	52.17 58.05
5.29	11.16	17.04	22.91	28.79	90	34.66	40.54	46.41	52.29 58.16
5.41	11.28	17.16	23.03	28.91	92	34.78	40.66	46.53	52.41 58.28
5.52	11.40	17.27	23.15	29.02	94	34.90	40.77	46.65	52.52 58.40
5.64	11.52	17.39	23.27	29.14	96	35.02	40.89	46.77	52.64 58.52
5.76	11.63	17.51	23.38	29.26	98	35.13	41.01	46.88	52.76 58.63

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
58.75	117.50	176.25	235.00	10	293.75	352.50	411.25	470.00	528.75
587.50	646.25	705.00	763.75	10	881.25	940.00	998.75	1057.50	1116.25
1175.00	1233.75	1292.50	1351.25	20	1468.75	1527.50	1586.25	1645.00	1703.75

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FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	5.90	11.80	17.70	23.60		29.50	35.40	41.30	47.20 53.10
12	6.02	11.92	17.82	23.72	2	29.62	35.52	41.42	47.32 53.22
24	6.14	12.04	17.94	23.84	4	29.74	35.64	41.54	47.44 53.34
35	6.25	12.15	18.05	23.95	6	29.85	35.75	41.65	47.55 53.45
47	6.37	12.27	18.17	24.07	8	29.97	35.87	41.77	47.67 53.57
59	6.49	12.39	18.29	24.19	10	30.09	35.99	41.89	47.79 53.69
71	6.61	12.51	18.41	24.31	12	30.21	36.11	42.01	47.91 53.81
83	6.73	12.63	18.53	24.43	14	30.33	36.23	42.13	48.03 53.93
94	6.84	12.74	18.64	24.54	16	30.44	36.34	42.24	48.14 54.04
1.06	6.96	12.86	18.76	24.66	18	30.56	36.46	42.36	48.26 54.16
1.18	7.08	12.98	18.88	24.78	20	30.68	36.58	42.48	48.38 54.28
1.30	7.20	13.10	19.00	24.90	22	30.80	36.70	42.60	48.50 54.40
1.42	7.32	13.22	19.12	25.02	24	30.92	36.82	42.72	48.62 54.52
1.53	7.43	13.33	19.23	25.13	26	31.03	36.93	42.83	48.73 54.63
1.65	7.55	13.45	19.35	25.25	28	31.15	37.05	42.95	48.85 54.75
1.77	7.67	13.57	19.47	25.37	30	31.27	37.17	43.07	48.97 54.87
1.89	7.79	13.69	19.59	25.49	32	31.39	37.29	43.19	49.09 54.99
2.01	7.91	13.81	19.71	25.61	34	31.51	37.41	43.31	49.21 55.11
2.12	8.02	13.92	19.82	25.72	36	31.62	37.52	43.42	49.32 55.22
2.24	8.14	14.04	19.94	25.84	38	31.74	37.64	43.54	49.44 55.34
2.36	8.26	14.16	20.06	25.96	40	31.86	37.76	43.66	49.56 55.46
2.48	8.38	14.28	20.18	26.08	42	31.98	37.88	43.78	49.68 55.58
2.60	8.50	14.40	20.30	26.20	44	32.10	38.00	43.90	49.80 55.70
2.71	8.61	14.51	20.41	26.31	46	32.21	38.11	44.01	49.91 55.81
2.83	8.73	14.63	20.53	26.43	48	32.33	38.23	44.13	50.03 55.93
2.95	8.85	14.75	20.65	26.55	50	32.45	38.35	44.25	50.15 56.05

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.07	8.97	14.87	20.77	26.67	52	32.57	38.47	44.37	50.27 56.17
3.19	9.09	14.99	20.89	26.79	54	32.69	38.59	44.49	50.39 56.29
3.30	9.20	15.10	21.00	26.90	56	32.80	38.70	44.60	50.50 56.40
3.42	9.32	15.22	21.12	27.02	58	32.92	38.82	44.72	50.62 56.52
3.54	9.44	15.34	21.24	27.14	60	33.04	38.94	44.84	50.74 56.64
3.66	9.56	15.46	21.36	27.26	62	33.16	39.06	44.96	50.86 56.76
3.78	9.68	15.58	21.48	27.38	64	33.28	39.18	45.08	50.98 56.88
3.89	9.79	15.69	21.59	27.49	66	33.39	39.29	45.19	51.09 56.99
4.01	9.91	15.81	21.71	27.61	68	33.51	39.41	45.31	51.21 57.11
4.13	10.03	15.93	21.83	27.73	70	33.63	39.53	45.43	51.33 57.23
4.25	10.15	16.05	21.95	27.85	72	33.75	39.65	45.55	51.45 57.35
4.37	10.27	16.17	22.07	27.97	74	33.87	39.77	45.67	51.57 57.47
4.48	10.38	16.28	22.18	28.08	76	33.98	39.88	45.78	51.68 57.58
4.60	10.50	16.40	22.30	28.20	78	34.10	40.00	45.90	51.80 57.70
4.72	10.62	16.52	22.42	28.32	80	34.22	40.12	46.02	51.92 57.82
4.84	10.74	16.64	22.54	28.44	82	34.34	40.24	46.14	52.04 57.94
4.96	10.86	16.76	22.66	28.56	84	34.46	40.36	46.26	52.16 58.06
5.07	10.97	16.87	22.77	28.67	86	34.57	40.47	46.37	52.27 58.17
5.19	11.09	16.99	22.89	28.79	88	34.69	40.59	46.49	52.39 58.29
5.31	11.21	17.11	23.01	28.91	90	34.81	40.71	46.61	52.51 58.41
5.43	11.33	17.23	23.13	29.03	92	34.93	40.83	46.73	52.63 58.53
5.55	11.45	17.35	23.25	29.15	94	35.05	40.95	46.85	52.75 58.65
5.66	11.56	17.46	23.36	29.26	96	35.16	41.06	46.96	52.86 58.76
5.78	11.68	17.58	23.48	29.38	98	35.28	41.18	47.08	52.98 58.88

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
59.00	118.00	177.00	236.00		295.00	354.00	413.00	472.00	531.00
600.00	649.00	708.00	767.00	10	885.00	944.00	1003.00	1062.00	1121.00
1190.00	1290.00	1298.00	1357.00	1416.00	20	1475.00	1534.00	1593.00	1652.00 1711.00



FEET					FEET					
2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
5.93	11.85	17.78	23.70			29.63	35.55	41.48	47.40	53.33
12	6.04	11.97	17.89	23.82	2	29.74	35.67	41.59	47.52	53.44
24	6.16	12.09	18.01	23.94	4	29.86	35.79	41.71	47.64	53.56
36	6.28	12.21	18.13	24.06	6	29.98	35.91	41.83	47.76	53.68
47	6.40	12.32	18.25	24.17	8	30.10	36.02	41.95	47.87	53.80
59	6.52	12.44	18.37	24.29	10	30.22	36.14	42.07	47.99	53.92
71	6.64	12.56	18.49	24.41	12	30.34	36.26	42.19	48.11	54.04
83	6.75	12.68	18.60	24.53	14	30.45	36.38	42.30	48.23	54.15
95	6.87	12.80	18.72	24.65	16	30.57	36.50	42.42	48.35	54.27
1.07	6.99	12.92	18.84	24.77	18	30.69	36.62	42.54	48.47	54.39
1.19	7.11	13.04	18.96	24.89	20	30.81	36.74	42.66	48.59	54.51
1.30	7.23	13.15	19.08	25.00	22	30.93	36.85	42.78	48.70	54.63
1.42	7.35	13.27	19.20	25.12	24	31.05	36.97	42.90	48.82	54.75
1.54	7.47	13.39	19.32	25.24	26	31.17	37.09	43.02	48.94	54.87
1.66	7.58	13.51	19.43	25.36	28	31.28	37.21	43.13	49.06	54.98
1.78	7.70	13.63	19.55	25.48	30	31.40	37.33	43.25	49.18	55.10
1.90	7.82	13.75	19.67	25.60	32	31.52	37.45	43.37	49.30	55.22
2.01	7.94	13.86	19.79	25.71	34	31.64	37.56	43.49	49.41	55.34
2.13	8.06	13.98	19.91	25.83	36	31.76	37.68	43.61	49.53	55.46
2.25	8.18	14.10	20.03	25.95	38	31.88	37.80	43.73	49.65	55.58
2.37	8.30	14.22	20.15	26.07	40	32.00	37.92	43.85	49.77	55.70
2.49	8.41	14.34	20.26	26.19	42	32.11	38.04	43.96	49.89	55.81
2.61	8.53	14.46	20.38	26.31	44	32.23	38.16	44.08	50.01	55.93
2.73	8.65	14.58	20.50	26.43	46	32.35	38.28	44.20	50.13	56.05
2.84	8.77	14.69	20.62	26.54	48	32.47	38.39	44.32	50.24	56.17
2.96	8.89	14.81	20.74	26.66	50	32.59	38.51	44.44	50.36	56.29

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.08	9.01	14.93	20.86	26.78	52	32.71	38.63	44.56	50.48	56.41
3.20	9.12	15.05	20.97	26.90	54	32.82	38.75	44.67	50.60	56.52
3.32	9.24	15.17	21.09	27.02	56	32.94	38.87	44.79	50.72	56.64
3.44	9.36	15.29	21.21	27.14	58	33.06	38.99	44.91	50.84	56.76
3.56	9.48	15.41	21.33	27.26	60	33.18	39.11	45.03	50.96	56.88
3.67	9.60	15.52	21.45	27.37	62	33.30	39.22	45.15	51.07	57.00
3.79	9.72	15.64	21.57	27.49	64	33.42	39.34	45.27	51.19	57.12
3.91	9.84	15.76	21.69	27.61	66	33.54	39.46	45.39	51.31	57.24
4.03	9.95	15.88	21.80	27.73	68	33.65	39.58	45.50	51.43	57.35
4.15	10.07	16.00	21.92	27.85	70	33.77	39.70	45.62	51.55	57.47
4.27	10.19	16.12	22.04	27.97	72	33.89	39.82	45.74	51.67	57.59
4.38	10.31	16.23	22.16	28.08	74	34.01	39.93	45.86	51.78	57.71
4.50	10.43	16.35	22.28	28.20	76	34.13	40.05	45.98	51.90	57.83
4.62	10.55	16.47	22.40	28.32	78	34.25	40.17	46.10	52.02	57.95
4.74	10.67	16.59	22.52	28.44	80	34.37	40.29	46.22	52.14	58.07
4.86	10.78	16.71	22.63	28.56	82	34.48	40.41	46.33	52.26	58.18
4.98	10.90	16.83	22.75	28.68	84	34.60	40.53	46.45	52.38	58.30
5.10	11.02	16.95	22.87	28.80	86	34.72	40.65	46.57	52.50	58.42
5.21	11.14	17.06	22.99	28.91	88	34.84	40.76	46.69	52.61	58.54
5.33	11.26	17.18	23.11	29.03	90	34.96	40.88	46.81	52.73	58.66
5.45	11.38	17.30	23.23	29.15	92	35.08	41.00	46.93	52.85	58.78
5.57	11.49	17.42	23.34	29.27	94	35.19	41.12	47.04	52.97	58.89
5.69	11.61	17.54	23.46	29.39	96	35.31	41.24	47.16	53.09	59.01
5.81	11.73	17.66	23.58	29.51	98	35.43	41.36	47.28	53.21	59.13

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
59.25	118.50	177.75	237.00			296.25	355.50	414.75	474.00	533.25
592.50	651.75	711.00	770.25	829.50	10	838.75	948.00	1007.25	1066.50	1125.75
1185.00	1244.25	1303.50	1362.75	1422.00	20	1481.25	1540.50	1599.75	1659.00	1718.25

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FEET					FEET				
2 10	100	200	300	400	500	600	700	800	900
98	AMOUNT				AMOUNT				
	5.95	11.90	17.85	23.80		29.75	35.70	41.65	47.60
12	6.07	12.02	17.97	23.92	2	29.87	35.82	41.77	47.72
24	6.19	12.14	18.09	24.04	4	29.99	35.94	41.89	47.84
36	6.31	12.26	18.21	24.16	6	30.11	36.06	42.01	47.96
48	6.43	12.38	18.33	24.28	8	30.23	36.18	42.13	48.08
60	6.55	12.50	18.45	24.40	10	30.35	36.30	42.25	48.20
71	6.66	12.61	18.56	24.51	12	30.46	36.41	42.36	48.31
83	6.78	12.73	18.68	24.63	14	30.58	36.53	42.48	48.43
95	6.90	12.85	18.80	24.75	16	30.70	36.65	42.60	48.55
1.07	7.02	12.97	18.92	24.87	18	30.82	36.77	42.72	48.67
1.19	7.14	13.09	19.04	24.99	20	30.94	36.89	42.84	48.79
1.31	7.26	13.21	19.16	25.11	22	31.06	37.01	42.96	48.91
1.43	7.38	13.33	19.28	25.23	24	31.18	37.13	43.08	49.03
1.55	7.50	13.45	19.40	25.35	26	31.30	37.25	43.20	49.15
1.67	7.62	13.57	19.52	25.47	28	31.42	37.37	43.32	49.27
1.79	7.74	13.69	19.64	25.59	30	31.54	37.49	43.44	49.39
1.90	7.85	13.80	19.75	25.70	32	31.65	37.60	43.55	49.50
2.02	7.97	13.92	19.87	25.82	34	31.77	37.72	43.67	49.62
2.14	8.09	14.04	19.99	25.94	36	31.89	37.84	43.79	49.74
2.26	8.21	14.16	20.11	26.06	38	32.01	37.96	43.91	49.86
2.38	8.33	14.28	20.23	26.18	40	32.13	38.08	44.03	49.98
2.50	8.45	14.40	20.35	26.30	42	32.25	38.20	44.15	50.10
2.62	8.57	14.52	20.47	26.42	44	32.37	38.32	44.27	50.22
2.74	8.69	14.64	20.59	26.54	46	32.49	38.44	44.39	50.34
2.86	8.81	14.76	20.71	26.66	48	32.61	38.56	44.51	50.46
2.98	8.93	14.88	20.83	26.78	50	32.73	38.68	44.63	50.58

2 10	100	200	300	400	500	600	700	800	900
98	AMOUNT				AMOUNT				
3.09	9.04	14.99	20.94	26.89	52	32.84	38.79	44.74	50.69
3.21	9.16	15.11	21.06	27.01	54	32.96	38.91	44.86	50.81
3.33	9.28	15.23	21.18	27.13	56	33.08	39.03	44.98	50.93
3.45	9.40	15.35	21.30	27.25	58	33.20	39.15	45.10	51.05
3.57	9.52	15.47	21.42	27.37	60	33.32	39.27	45.22	51.17
3.69	9.64	15.59	21.54	27.49	62	33.44	39.39	45.34	51.29
3.81	9.76	15.71	21.66	27.61	64	33.56	39.51	45.46	51.41
3.93	9.88	15.83	21.78	27.73	66	33.68	39.63	45.58	51.53
4.05	10.00	15.95	21.90	27.85	68	33.80	39.75	45.70	51.65
4.17	10.12	16.07	22.02	27.97	70	33.92	39.87	45.82	51.77
4.28	10.23	16.18	22.13	28.08	72	34.03	39.98	45.93	51.88
4.40	10.35	16.30	22.25	28.20	74	34.15	40.10	46.05	52.00
4.52	10.47	16.42	22.37	28.32	76	34.27	40.22	46.17	52.12
4.64	10.59	16.54	22.49	28.44	78	34.39	40.34	46.29	52.24
4.76	10.71	16.66	22.61	28.56	80	34.51	40.46	46.41	52.36
4.88	10.83	16.78	22.73	28.68	82	34.63	40.58	46.53	52.48
5.00	10.95	16.90	22.85	28.80	84	34.75	40.70	46.65	52.60
5.12	11.07	17.02	22.97	28.92	86	34.87	40.82	46.77	52.72
5.24	11.19	17.14	23.09	29.04	88	34.99	40.94	46.89	52.84
5.36	11.31	17.26	23.21	29.16	90	35.11	41.06	47.01	52.96
5.47	11.42	17.37	23.32	29.27	92	35.22	41.17	47.12	53.07
5.59	11.54	17.49	23.44	29.39	94	35.34	41.29	47.24	53.19
5.71	11.66	17.61	23.56	29.51	96	35.46	41.41	47.36	53.31
5.83	11.78	17.73	23.68	29.63	98	35.58	41.53	47.48	53.43

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
50.50	119.00	178.50	238.00		297.50	357.00	416.50	476.00	535.50
60.50	124.00	183.50	243.00	10	892.50	952.00	1011.50	1071.00	1130.50
1100.00	1249.50	1309.00	1368.50	20	1487.50	1547.00	1606.50	1666.00	1725.50



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
1.12	5.98	11.95	17.93	23.90	2	29.88	35.85	41.83	47.80
1.24	6.09	12.07	18.04	24.02	4	30.11	36.09	42.06	48.04
1.36	6.21	12.19	18.16	24.14	6	30.23	36.21	42.18	48.16
1.48	6.33	12.31	18.28	24.26	8	30.35	36.33	42.30	48.28
1.60	6.45	12.43	18.40	24.38	10	30.47	36.45	42.42	48.40
1.72	6.57	12.55	18.52	24.50	12	30.59	36.57	42.54	48.52
1.84	6.69	12.67	18.64	24.62	14	30.71	36.69	42.66	48.64
1.96	6.81	12.79	18.76	24.74	16	30.83	36.81	42.78	48.76
2.08	6.93	12.91	18.88	24.86	18	30.95	36.93	42.90	48.88
2.20	7.05	13.03	19.00	24.98	20	31.07	37.05	43.02	49.00
2.32	7.17	13.15	19.12	25.10	22	31.19	37.16	43.14	49.11
2.44	7.29	13.26	19.24	25.21	24	31.31	37.28	43.26	49.23
2.56	7.41	13.38	19.36	25.33	26	31.43	37.40	43.38	49.35
2.68	7.53	13.50	19.48	25.45	28	31.55	37.52	43.50	49.47
2.80	7.65	13.62	19.60	25.57	30	31.67	37.64	43.62	49.59
2.92	7.77	13.74	19.72	25.69	32	31.79	37.76	43.74	49.71
3.04	7.89	13.86	19.84	25.81	34	31.91	37.88	43.86	49.83
3.16	8.01	13.98	19.96	25.93	36	32.03	38.00	43.98	49.95
3.28	8.13	14.10	20.08	26.05	38	32.15	38.12	44.10	50.07
3.40	8.25	14.22	20.20	26.17	40	32.27	38.24	44.22	50.19
3.52	8.37	14.34	20.32	26.29	42	32.38	38.36	44.33	50.31
3.64	8.48	14.46	20.43	26.41	44	32.50	38.48	44.45	50.43
3.76	8.60	14.58	20.55	26.53	46	32.62	38.60	44.57	50.55
3.88	8.72	14.70	20.67	26.65	48	32.74	38.72	44.69	50.67
4.00	8.84	14.82	20.79	26.77	50	32.86	38.84	44.81	50.79
4.12	8.96	14.94	20.91	26.89					

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.11	9.08	15.06	21.13	27.01	52	32.98	38.96	44.93	50.91
3.23	9.20	15.18	21.25	27.13	54	33.10	39.08	45.05	51.03
3.35	9.32	15.30	21.37	27.25	56	33.22	39.20	45.17	51.15
3.47	9.44	15.42	21.49	27.37	58	33.34	39.32	45.29	51.27
3.59	9.56	15.54	21.61	27.49	60	33.46	39.44	45.41	51.39
3.70	9.68	15.65	21.73	27.60	62	33.58	39.55	45.53	51.50
3.82	9.80	15.77	21.85	27.72	64	33.70	39.67	45.65	51.62
3.94	9.92	15.89	21.97	27.84	66	33.82	39.79	45.77	51.74
4.06	10.04	16.01	22.09	27.96	68	33.94	39.91	45.89	51.86
4.18	10.16	16.13	22.11	28.08	70	34.06	40.03	46.01	51.98
4.30	10.28	16.25	22.23	28.20	72	34.18	40.15	46.13	52.10
4.42	10.40	16.37	22.35	28.32	74	34.30	40.27	46.25	52.22
4.54	10.52	16.49	22.47	28.44	76	34.42	40.39	46.37	52.34
4.66	10.64	16.61	22.59	28.56	78	34.54	40.51	46.49	52.46
4.78	10.76	16.73	22.71	28.68	80	34.66	40.63	46.61	52.58
4.90	10.87	16.85	22.82	28.80	82	34.77	40.75	46.72	52.70
5.02	10.99	16.97	22.94	28.92	84	34.89	40.87	46.84	52.82
5.14	11.11	17.09	23.06	29.04	86	35.01	40.99	46.96	52.94
5.26	11.23	17.21	23.18	29.16	88	35.13	41.11	47.08	53.06
5.38	11.35	17.33	23.30	29.28	90	35.25	41.23	47.20	53.18
5.50	11.47	17.45	23.42	29.40	92	35.37	41.35	47.32	53.30
5.62	11.59	17.57	23.54	29.52	94	35.49	41.47	47.44	53.42
5.74	11.71	17.69	23.66	29.64	96	35.61	41.59	47.56	53.54
5.86	11.83	17.81	23.78	29.76	98	35.73	41.71	47.68	53.66

Above 1M.					Above 1M.				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
597.50	59.75	119.50	179.25	239.00	10	298.75	358.50	418.25	478.00
1195.00	657.25	717.00	776.75	836.50	20	896.25	956.00	1015.75	1075.50
1195.00	1254.75	1314.50	1374.25	1434.00	20	1493.75	1553.50	1613.25	1673.00

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
1.00	6.00	12.00	18.00	24.00	10	30.00	36.00	42.00	48.00
1.12	6.12	12.12	18.12	24.12	2	30.12	36.12	42.12	48.12
1.24	6.24	12.24	18.24	24.24	4	30.24	36.24	42.24	48.24
1.36	6.36	12.36	18.36	24.36	6	30.36	36.36	42.36	48.36
1.48	6.48	12.48	18.48	24.48	8	30.48	36.48	42.48	48.48
1.60	6.60	12.60	18.60	24.60	10	30.60	36.60	42.60	48.60
1.72	6.72	12.72	18.72	24.72	12	30.72	36.72	42.72	48.72
1.84	6.84	12.84	18.84	24.84	14	30.84	36.84	42.84	48.84
1.96	6.96	12.96	18.96	24.96	16	30.96	36.96	42.96	48.96
1.08	7.08	13.08	19.08	25.08	18	31.08	37.08	43.08	49.08
1.20	7.20	13.20	19.20	25.20	20	31.20	37.20	43.20	49.20
1.32	7.32	13.32	19.32	25.32	22	31.32	37.32	43.32	49.32
1.44	7.44	13.44	19.44	25.44	24	31.44	37.44	43.44	49.44
1.56	7.56	13.56	19.56	25.56	26	31.56	37.56	43.56	49.56
1.68	7.68	13.68	19.68	25.68	28	31.68	37.68	43.68	49.68
1.80	7.80	13.80	19.80	25.80	30	31.80	37.80	43.80	49.80
1.92	7.92	13.92	19.92	25.92	32	31.92	37.92	43.92	49.92
2.04	8.04	14.04	20.04	26.04	34	32.04	38.04	44.04	50.04
2.16	8.16	14.16	20.16	26.16	36	32.16	38.16	44.16	50.16
2.28	8.28	14.28	20.28	26.28	38	32.28	38.28	44.28	50.28
2.40	8.40	14.40	20.40	26.40	40	32.40	38.40	44.40	50.40
2.52	8.52	14.52	20.52	26.52	42	32.52	38.52	44.52	50.52
2.64	8.64	14.64	20.64	26.64	44	32.64	38.64	44.64	50.64
2.76	8.76	14.76	20.76	26.76	46	32.76	38.76	44.76	50.76
2.88	8.88	14.88	20.88	26.88	48	32.88	38.88	44.88	50.88
3.00	9.00	15.00	21.00	27.00	50	33.00	39.00	45.00	51.00

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.12	9.12	15.12	21.12	27.12	52	33.12	39.12	45.12	51.12
3.24	9.24	15.24	21.24	27.24	54	33.24	39.24	45.24	51.24
3.36	9.36	15.36	21.36	27.36	56	33.36	39.36	45.36	51.36
3.48	9.48	15.48	21.48	27.48	58	33.48	39.48	45.48	51.48
3.60	9.60	15.60	21.60	27.60	60	33.60	39.60	45.60	51.60
3.72	9.72	15.72	21.72	27.72	62	33.72	39.72	45.72	51.72
3.84	9.84	15.84	21.84	27.84	64	33.84	39.84	45.84	51.84
3.96	9.96	15.96	21.96	27.96	66	33.96	39.96	45.96	51.96
4.08	10.08	16.08	22.08	28.08	68	34.08	40.08	46.08	52.08
4.20	10.20	16.20	22.20	28.20	70	34.20	40.20	46.20	52.20
4.32	10.32	16.32	22.32	28.32	72	34.32	40.32	46.32	52.32
4.44	10.44	16.44	22.44	28.44	74	34.44	40.44	46.44	52.44
4.56	10.56	16.56	22.56	28.56	76	34.56	40.56	46.56	52.56
4.68	10.68	16.68	22.68	28.68	78	34.68	40.68	46.68	52.68
4.80	10.80	16.80	22.80	28.80	80	34.80	40.80	46.80	52.80
4.92	10.92	16.92	22.92	28.92	82	34.92	40.92	46.92	52.92
5.04	11.04	17.04	23.04	29.04	84	35.04	41.04	47.04	53.04
5.16	11.16	17.16	23.16	29.16	86	35.16	41.16	47.16	53.16
5.28	11.28	17.28	23.28	29.28	88	35.28	41.28	47.28	53.28
5.40	11.40	17.40	23.40	29.40	90	35.40	41.40	47.40	53.40
5.52	11.52	17.52	23.52	29.52	92	35.52	41.52	47.52	53.52
5.64	11.64	17.64	23.64	29.64	94	35.64	41.64	47.64	53.64
5.76	11.76	17.76	23.76	29.76	96	35.76	41.76	47.76	53.76
5.88	11.88	17.88	23.88	29.88	98	35.88	41.88	47.88	53.88

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
100.00	120.00	180.00	240.00	10	300.00	360.00	420.00	480.00	540.00
600.00	660.00	720.00	780.00	10	900.00	960.00	1020.00	1080.00	1140.00
1200.00	1260.00	1320.00	1380.00	20	1500.00	1560.00	1620.00	1680.00	1740.00





F E E T									
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
6.05	12.10	18.15	24.20	30.25	36.30	42.35	48.40	54.45	
12	6.17	12.22	18.27	24.32	30.37	36.42	42.47	48.52	54.57
24	6.29	12.34	18.39	24.44	30.49	36.54	42.59	48.64	54.69
36	6.41	12.46	18.51	24.56	30.61	36.66	42.71	48.76	54.81
48	6.53	12.58	18.63	24.68	30.73	36.78	42.83	48.88	54.93
61	6.66	12.71	18.76	24.81	30.86	36.91	42.96	49.01	55.06
73	6.78	12.83	18.88	24.93	30.98	37.03	43.08	49.13	55.18
85	6.90	12.95	19.00	25.05	31.10	37.15	43.20	49.25	55.30
97	7.02	13.07	19.12	25.17	31.22	37.27	43.32	49.37	55.42
1.09	7.14	13.19	19.24	25.29	31.34	37.39	43.44	49.49	55.54
1.21	7.26	13.31	19.36	25.41	31.46	37.51	43.56	49.61	55.66
1.33	7.38	13.43	19.48	25.53	31.58	37.63	43.68	49.73	55.78
1.45	7.50	13.55	19.60	25.65	31.70	37.75	43.80	49.85	55.90
1.57	7.62	13.67	19.72	25.77	31.82	37.87	43.92	49.97	56.02
1.69	7.74	13.79	19.84	25.89	31.94	37.99	44.04	50.09	56.14
1.82	7.87	13.92	19.97	26.02	32.07	38.12	44.17	50.22	56.27
1.94	7.99	14.04	20.09	26.14	32.19	38.24	44.29	50.34	56.39
2.06	8.11	14.16	20.21	26.26	32.31	38.36	44.41	50.46	56.51
2.18	8.23	14.28	20.33	26.38	32.43	38.48	44.53	50.58	56.63
2.30	8.35	14.40	20.45	26.50	32.55	38.60	44.65	50.70	56.75
2.42	8.47	14.52	20.57	26.62	32.67	38.72	44.77	50.82	56.87
2.54	8.59	14.64	20.69	26.74	32.79	38.84	44.89	50.94	56.99
2.66	8.71	14.76	20.81	26.86	32.91	38.96	45.01	51.06	57.11
2.78	8.83	14.88	20.93	26.98	33.03	39.08	45.13	51.18	57.23
2.90	8.95	15.00	21.05	27.10	33.15	39.20	45.25	51.30	57.35
3.03	9.08	15.13	21.18	27.23	33.28	39.33	45.38	51.43	57.48

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.15	9.20	15.25	21.30	27.35	52	33.40	39.45	45.50	51.55 57.60
3.27	9.32	15.37	21.42	27.47	54	33.52	39.57	45.62	51.67 57.72
3.39	9.44	15.49	21.54	27.59	56	33.64	39.69	45.74	51.79 57.84
3.51	9.56	15.61	21.66	27.71	58	33.76	39.81	45.86	51.91 57.96
3.63	9.68	15.73	21.78	27.83	60	33.88	39.93	45.98	52.03 58.08
3.75	9.80	15.85	21.90	27.95	62	34.00	40.05	46.10	52.15 58.20
3.87	9.92	15.97	22.02	28.07	64	34.12	40.17	46.22	52.27 58.32
3.99	10.04	16.09	22.14	28.19	66	34.24	40.29	46.34	52.39 58.44
4.11	10.16	16.21	22.26	28.31	68	34.36	40.41	46.46	52.51 58.56
4.24	10.29	16.34	22.39	28.44	70	34.49	40.54	46.59	52.64 58.69
4.36	10.41	16.46	22.51	28.56	72	34.61	40.66	46.71	52.76 58.81
4.48	10.53	16.58	22.63	28.68	74	34.73	40.78	46.83	52.88 58.93
4.60	10.65	16.70	22.75	28.80	76	34.85	40.90	46.95	53.00 59.05
4.72	10.77	16.82	22.87	28.92	78	34.97	41.02	47.07	53.12 59.17
4.84	10.89	16.94	22.99	29.04	80	35.09	41.14	47.19	53.24 59.29
4.96	11.01	17.06	23.11	29.16	82	35.21	41.26	47.31	53.36 59.41
5.08	11.13	17.18	23.23	29.28	84	35.33	41.38	47.43	53.48 59.53
5.20	11.25	17.30	23.35	29.40	86	35.45	41.50	47.55	53.60 59.65
5.32	11.37	17.42	23.47	29.52	88	35.57	41.62	47.67	53.72 59.77
5.45	11.50	17.55	23.60	29.65	90	35.70	41.75	47.80	53.85 59.90
5.57	11.62	17.67	23.72	29.77	92	35.82	41.87	47.92	53.97 60.02
5.69	11.74	17.79	23.84	29.89	94	35.94	41.99	48.04	54.09 60.14
5.81	11.86	17.91	23.96	30.01	96	36.06	42.11	48.16	54.21 60.26
5.93	11.98	18.03	24.08	30.13	98	36.18	42.23	48.28	54.33 60.38

## Above 1 M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
60.50	121.00	181.50	242.00	302.50	363.00	423.50	484.00	544.50	
608.00	608.50	729.00	789.50	849.00	907.50	968.00	1028.50	1089.00	1149.50
1210.00	1270.50	1331.00	1391.50	1452.00	1512.50	1573.00	1633.50	1694.00	1754.50



\$6.07½ Per 100

\$60.75 Per M.

223

FEET					FEET				
to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
6.08	12.15	18.23	24.30		30.38	36.45	42.53	48.60	54.68
1.12	6.20	12.27	18.35	24.42	2	30.50	36.57	42.65	48.72
1.24	6.32	12.39	18.47	24.54	4	30.62	36.69	42.77	48.84
1.36	6.44	12.51	18.59	24.66	6	30.74	36.81	42.89	48.96
1.49	6.56	12.64	18.71	24.79	8	30.86	36.94	43.01	49.09
1.61	6.68	12.76	18.83	24.91	10	30.98	37.06	43.13	49.21
1.73	6.80	12.88	18.95	25.03	12	31.10	37.18	43.25	49.33
1.85	6.93	13.00	19.08	25.15	14	31.23	37.30	43.38	49.45
1.97	7.05	13.12	19.20	25.27	16	31.35	37.42	43.50	49.57
1.09	7.17	13.24	19.32	25.39	18	31.47	37.54	43.62	49.69
1.22	7.29	13.37	19.44	25.52	20	31.59	37.67	43.74	49.82
1.34	7.41	13.49	19.56	25.64	22	31.71	37.79	43.86	49.94
1.46	7.53	13.61	19.68	25.76	24	31.83	37.91	43.98	50.06
1.58	7.65	13.73	19.80	25.88	26	31.95	38.03	44.10	50.18
1.70	7.78	13.85	19.93	26.00	28	32.08	38.15	44.23	50.30
1.82	7.90	13.97	20.05	26.12	30	32.20	38.27	44.35	50.42
1.94	8.02	14.09	20.17	26.24	32	32.32	38.39	44.47	50.54
2.07	8.14	14.22	20.29	26.37	34	32.44	38.52	44.59	50.67
2.19	8.26	14.34	20.41	26.49	36	32.56	38.64	44.71	50.79
2.31	8.38	14.46	20.53	26.61	38	32.68	38.76	44.83	50.91
2.43	8.51	14.58	20.66	26.73	40	32.81	38.88	44.96	51.03
2.55	8.63	14.70	20.78	26.85	42	32.93	39.00	45.08	51.15
2.67	8.75	14.82	20.90	26.97	44	33.05	39.12	45.20	51.27
2.79	8.87	14.94	21.02	27.09	46	33.17	39.24	45.32	51.39
2.92	8.99	15.07	21.14	27.22	48	33.29	39.37	45.44	51.52
3.04	9.11	15.19	21.26	27.34	50	33.41	39.49	45.56	51.64

to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
3.16	9.23	15.31	21.38	27.46	52	33.53	39.61	45.68	51.76
3.28	9.36	15.43	21.51	27.58	54	33.66	39.73	45.81	51.88
3.40	9.48	15.55	21.63	27.70	56	33.78	39.85	45.93	52.00
3.52	9.60	15.67	21.75	27.82	58	33.90	39.97	46.05	52.12
3.65	9.72	15.80	21.87	27.95	60	34.02	40.10	46.17	52.25
3.77	9.84	15.92	21.99	28.07	62	34.14	40.22	46.29	52.37
3.89	9.96	16.04	22.11	28.19	64	34.26	40.34	46.41	52.49
4.01	10.08	16.16	22.23	28.31	66	34.38	40.46	46.53	52.61
4.13	10.21	16.28	22.36	28.43	68	34.51	40.58	46.66	52.73
4.25	10.33	16.40	22.48	28.55	70	34.63	40.70	46.78	52.85
4.37	10.45	16.52	22.60	28.67	72	34.75	40.82	46.90	52.97
4.50	10.57	16.65	22.72	28.80	74	34.87	40.95	47.02	53.10
4.62	10.69	16.77	22.84	28.92	76	34.99	41.07	47.14	53.22
4.74	10.81	16.89	22.96	29.04	78	35.11	41.19	47.26	53.34
4.86	10.94	17.01	23.09	29.16	80	35.24	41.31	47.39	53.46
4.98	11.06	17.13	23.21	29.28	82	35.36	41.43	47.51	53.58
5.10	11.18	17.25	23.33	29.40	84	35.48	41.55	47.63	53.70
5.22	11.30	17.37	23.45	29.52	86	35.60	41.67	47.75	53.82
5.35	11.42	17.50	23.57	29.65	88	35.72	41.80	47.87	53.95
5.47	11.54	17.62	23.69	29.77	90	35.84	41.92	47.99	54.07
5.59	11.66	17.74	23.81	29.89	92	35.96	42.04	48.11	54.19
5.71	11.79	17.86	23.94	30.01	94	36.09	42.16	48.24	54.31
5.83	11.91	17.98	24.06	30.13	96	36.21	42.28	48.36	54.43
5.95	12.03	18.10	24.18	30.25	98	36.33	42.40	48.48	54.55

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
60.75	121.50	182.25	243.00		808.75	864.50	920.25	986.00	1051.75
607.50	668.25	729.00	789.75	850.50	10	911.25	972.00	1032.75	1093.50
1215.00	1275.75	1336.50	1397.25	1458.00	20	1518.75	1579.50	1640.25	1701.00

\$61  
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\$70  
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\$72  
\$73  
\$74  
\$75  
R

FEET									
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
6.10	12.20	18.30	24.40	30.50	36.60	42.70	48.80	54.90	
12	6.22	12.32	18.42	24.52	30.62	36.72	42.82	48.92	55.02
24	6.34	12.44	18.54	24.64	30.74	36.84	42.94	49.04	55.14
37	6.47	12.57	18.67	24.77	30.87	36.97	43.07	49.17	55.27
49	6.59	12.69	18.79	24.89	30.99	37.09	43.19	49.29	55.39
61	6.71	12.81	18.91	25.01	31.11	37.21	43.31	49.41	55.51
73	6.83	12.93	19.03	25.13	31.23	37.33	43.43	49.53	55.63
85	6.95	13.05	19.15	25.25	31.35	37.45	43.55	49.65	55.75
98	7.08	13.18	19.28	25.38	31.48	37.58	43.68	49.78	55.88
1.10	7.20	13.30	19.40	25.50	31.60	37.70	43.80	49.90	56.00
1.22	7.32	13.42	19.52	25.62	31.72	37.82	43.92	50.02	56.12
1.34	7.44	13.54	19.64	25.74	31.84	37.94	44.04	50.14	56.24
1.46	7.56	13.66	19.76	25.86	31.96	38.06	44.16	50.26	56.36
1.59	7.69	13.79	19.89	25.99	32.09	38.19	44.29	50.39	56.49
1.71	7.81	13.91	20.01	26.11	32.21	38.31	44.41	50.51	56.61
1.83	7.93	14.03	20.13	26.23	32.33	38.43	44.53	50.63	56.73
1.95	8.05	14.15	20.25	26.35	32.45	38.55	44.65	50.75	56.85
2.07	8.17	14.27	20.37	26.47	32.57	38.67	44.77	50.87	56.97
2.20	8.30	14.40	20.50	26.60	32.70	38.80	44.90	51.00	57.10
2.32	8.42	14.52	20.62	26.72	32.82	38.92	45.02	51.12	57.22
2.44	8.54	14.64	20.74	26.84	32.94	39.04	45.14	51.24	57.34
2.56	8.66	14.76	20.86	26.96	33.06	39.16	45.26	51.36	57.46
2.68	8.78	14.88	20.98	27.08	33.18	39.28	45.38	51.48	57.58
2.81	8.91	15.01	21.11	27.21	33.31	39.41	45.51	51.61	57.71
2.93	9.03	15.13	21.23	27.33	33.43	39.53	45.63	51.73	57.83
3.05	9.15	15.25	21.35	27.45	33.55	39.65	45.75	51.85	57.95

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
3.17	9.27	15.37	21.47	27.57	52	33.67	39.77	45.87	51.97
3.29	9.39	15.49	21.59	27.69	54	33.79	39.89	45.99	52.09
3.42	9.52	15.62	21.72	27.82	56	33.92	40.02	46.12	52.22
3.54	9.64	15.74	21.84	27.94	58	34.04	40.14	46.24	52.34
3.66	9.76	15.86	21.96	28.06	60	34.16	40.26	46.36	52.46
3.78	9.88	15.98	22.08	28.18	62	34.28	40.38	46.48	52.58
3.90	10.00	16.10	22.20	28.30	64	34.40	40.50	46.60	52.70
4.03	10.13	16.23	22.33	28.43	66	34.53	40.63	46.73	52.83
4.15	10.25	16.35	22.45	28.55	68	34.65	40.75	46.85	52.95
4.27	10.37	16.47	22.57	28.67	70	34.77	40.87	46.97	53.07
4.39	10.49	16.59	22.69	28.79	72	34.89	40.99	47.09	53.19
4.51	10.61	16.71	22.81	28.91	74	35.01	41.11	47.21	53.31
4.64	10.74	16.84	22.94	29.04	76	35.14	41.24	47.34	53.44
4.76	10.86	16.96	23.06	29.16	78	35.26	41.36	47.46	53.56
4.88	10.98	17.08	23.18	29.28	80	35.38	41.48	47.58	53.68
5.00	11.10	17.20	23.30	29.40	82	35.50	41.60	47.70	53.80
5.12	11.22	17.32	23.42	29.52	84	35.62	41.72	47.82	53.92
5.25	11.35	17.45	23.55	29.65	86	35.75	41.85	47.95	54.05
5.37	11.47	17.57	23.67	29.77	88	35.87	41.97	48.07	54.17
5.49	11.59	17.69	23.79	29.89	90	35.99	42.09	48.19	54.29
5.61	11.71	17.81	23.91	30.01	92	36.11	42.21	48.31	54.41
5.73	11.83	17.93	24.03	30.13	94	36.23	42.33	48.43	54.53
5.86	11.96	18.06	24.16	30.26	96	36.36	42.46	48.56	54.66
5.98	12.08	18.18	24.28	30.38	98	36.48	42.58	48.68	54.78

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
01.00	02.00	03.00	04.00		05.00	06.00	07.00	08.00	09.00
010.00	021.00	032.00	043.00	10	051.00	062.00	073.00	084.00	095.00
020.00	031.00	042.00	053.00	20	061.00	072.00	083.00	094.00	105.00



\$6.12½ Per 100

\$61.25 Per M.

225

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
1.12	6.13	12.25	18.38	24.50	2	30.63	36.75	42.88	49.00 55.13
1.25	6.25	12.37	18.50	24.62	4	30.75	36.87	43.00	49.12 55.25
1.37	6.37	12.50	18.62	24.75	6	30.87	37.00	43.12	49.25 55.37
1.49	6.49	12.62	18.74	24.87	8	30.99	37.12	43.24	49.37 55.49
1.61	6.62	12.74	18.87	24.99	10	31.12	37.24	43.37	49.49 55.62
1.74	6.74	12.86	18.99	25.11	12	31.24	37.36	43.49	49.61 55.74
1.86	6.86	12.99	19.11	25.24	14	31.36	37.49	43.61	49.74 55.86
1.98	6.98	13.11	19.23	25.36	16	31.48	37.61	43.73	49.86 55.98
2.10	7.11	13.23	19.36	25.48	18	31.61	37.73	43.86	49.98 56.11
2.23	7.23	13.35	19.48	25.60	20	31.73	37.85	43.98	50.10 56.23
2.35	7.35	13.48	19.60	25.73	22	31.85	37.98	44.10	50.23 56.35
2.47	7.47	13.60	19.72	25.85	24	31.97	38.10	44.22	50.35 56.47
2.59	7.60	13.72	19.85	25.97	26	32.10	38.22	44.35	50.47 56.60
2.72	7.72	13.84	19.97	26.09	28	32.22	38.34	44.47	50.59 56.72
2.84	7.84	13.97	20.09	26.22	30	32.34	38.47	44.59	50.72 56.84
2.96	7.96	14.09	20.21	26.34	32	32.46	38.59	44.71	50.84 56.96
3.08	8.09	14.21	20.34	26.46	34	32.59	38.71	44.84	50.96 57.09
3.21	8.21	14.33	20.46	26.58	36	32.71	38.83	44.96	51.08 57.21
3.33	8.33	14.46	20.58	26.71	38	32.83	38.96	45.08	51.21 57.33
3.45	8.45	14.58	20.70	26.83	40	32.95	39.08	45.20	51.33 57.45
3.57	8.58	14.70	20.83	26.95	42	33.08	39.20	45.33	51.45 57.58
3.69	8.70	14.82	20.95	27.07	44	33.20	39.32	45.45	51.57 57.70
3.82	8.82	14.95	21.07	27.20	46	33.32	39.45	45.57	51.70 57.82
3.94	8.94	15.07	21.19	27.32	48	33.44	39.57	45.69	51.82 57.94
4.06	9.07	15.19	21.32	27.44	50	33.57	39.69	45.82	51.94 58.07
4.18	9.19	15.31	21.44	27.56		33.69	39.81	45.94	52.06 58.19

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.19	9.31	15.44	21.56	27.69	52	33.81	39.94	46.06	52.19 58.31
3.31	9.43	15.56	21.68	27.81	54	33.93	40.06	46.18	52.31 58.43
3.43	9.56	15.68	21.81	27.93	56	34.06	40.18	46.31	52.43 58.56
3.55	9.68	15.80	21.93	28.05	58	34.18	40.30	46.43	52.55 58.68
3.68	9.80	15.93	22.05	28.18	60	34.30	40.43	46.55	52.68 58.80
3.80	9.92	16.05	22.17	28.30	62	34.42	40.55	46.67	52.80 58.92
3.92	10.05	16.17	22.30	28.42	64	34.55	40.67	46.80	52.92 59.05
4.04	10.17	16.29	22.42	28.54	66	34.67	40.79	46.92	53.04 59.17
4.17	10.29	16.42	22.54	28.67	68	34.79	40.92	47.04	53.17 59.29
4.29	10.41	16.54	22.66	28.79	70	34.91	41.04	47.16	53.29 59.41
4.41	10.54	16.66	22.79	28.91	72	35.04	41.16	47.29	53.41 59.54
4.53	10.66	16.78	22.91	29.03	74	35.16	41.28	47.41	53.53 59.66
4.66	10.78	16.91	23.03	29.16	76	35.28	41.41	47.53	53.66 59.78
4.78	10.90	17.03	23.15	29.28	78	35.40	41.53	47.65	53.78 59.90
4.90	11.03	17.15	23.28	29.40	80	35.53	41.65	47.78	53.90 60.03
5.02	11.15	17.27	23.40	29.52	82	35.65	41.77	47.90	54.02 60.15
5.15	11.27	17.40	23.52	29.65	84	35.77	41.90	48.02	54.15 60.27
5.27	11.39	17.52	23.64	29.77	86	35.89	42.02	48.14	54.27 60.39
5.39	11.52	17.64	23.77	29.89	88	36.02	42.14	48.27	54.39 60.52
5.51	11.64	17.76	23.89	30.01	90	36.14	42.26	48.39	54.51 60.64
5.64	11.76	17.89	24.01	30.14	92	36.26	42.39	48.51	54.64 60.76
5.76	11.88	18.01	24.13	30.26	94	36.38	42.51	48.63	54.76 60.88
5.88	12.01	18.13	24.26	30.38	96	36.51	42.63	48.76	54.88 61.01
6.00	12.13	18.25	24.38	30.50	98	36.63	42.75	48.88	55.00 61.13

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
61.25	122.50	183.75	245.00	10	306.25	367.50	428.75	490.00	551.25
612.50	673.75	735.00	796.25	10	918.75	980.00	1041.25	1102.50	1163.75
1225.00	1286.25	1347.50	1408.75	20	1531.25	1592.50	1653.75	1715.00	1776.25

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
21.20	6.15	12.30	18.45	24.60	2	30.75	36.90	43.05	49.20
22.12	6.27	12.42	18.57	24.72	2	30.87	37.02	43.17	49.32
23.25	6.40	12.55	18.70	24.85	4	31.00	37.15	43.30	49.45
24.37	6.52	12.67	18.82	24.97	6	31.12	37.27	43.42	49.57
25.49	6.64	12.79	18.94	25.09	8	31.24	37.39	43.54	49.69
26.62	6.77	12.92	19.07	25.22	10	31.37	37.52	43.67	49.82
27.74	6.89	13.04	19.19	25.34	12	31.49	37.64	43.79	49.94
28.86	7.01	13.16	19.31	25.46	14	31.61	37.76	43.91	50.06
29.98	7.13	13.28	19.43	25.58	16	31.73	37.88	44.03	50.18
31.11	7.26	13.41	19.56	25.71	18	31.86	38.01	44.16	50.31
32.23	7.38	13.53	19.68	25.83	20	31.98	38.13	44.28	50.43
33.35	7.50	13.65	19.80	25.95	22	32.10	38.25	44.40	50.55
34.48	7.63	13.78	19.93	26.08	24	32.23	38.38	44.53	50.68
35.60	7.75	13.90	20.05	26.20	26	32.35	38.50	44.65	50.80
36.72	7.87	14.02	20.17	26.32	28	32.47	38.62	44.77	50.92
37.85	8.00	14.15	20.30	26.45	30	32.60	38.75	44.90	51.05
38.97	8.12	14.27	20.42	26.57	32	32.72	38.87	45.02	51.17
40.09	8.24	14.39	20.54	26.69	34	32.84	38.99	45.14	51.29
41.21	8.36	14.51	20.66	26.81	36	32.96	39.11	45.26	51.41
42.34	8.49	14.64	20.79	26.94	38	33.09	39.24	45.39	51.54
43.46	8.61	14.76	20.91	27.06	40	33.21	39.36	45.51	51.66
44.58	8.73	14.88	21.03	27.18	42	33.33	39.48	45.63	51.78
45.71	8.86	15.01	21.16	27.31	44	33.46	39.61	45.76	51.91
46.83	8.98	15.13	21.28	27.43	46	33.58	39.73	45.88	52.03
47.95	9.10	15.25	21.40	27.55	48	33.70	39.85	46.00	52.15
49.08	9.23	15.38	21.53	27.68	50	33.83	39.98	46.13	52.28

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.20	9.35	15.50	21.65	27.80	52	33.95	40.10	46.25	52.40
3.32	9.47	15.62	21.77	27.92	54	34.07	40.22	46.37	52.52
3.44	9.59	15.74	21.89	28.04	56	34.19	40.34	46.49	52.64
3.57	9.72	15.87	22.02	28.17	58	34.32	40.47	46.62	52.77
3.69	9.84	15.99	22.14	28.29	60	34.44	40.59	46.74	52.89
3.81	9.96	16.11	22.26	28.41	62	34.56	40.71	46.86	53.01
3.94	10.09	16.24	22.39	28.54	64	34.69	40.84	46.99	53.14
4.06	10.21	16.36	22.51	28.66	66	34.81	40.96	47.11	53.26
4.18	10.33	16.48	22.63	28.78	68	34.93	41.08	47.23	53.38
4.31	10.46	16.61	22.76	28.91	70	35.06	41.21	47.36	53.51
4.43	10.58	16.73	22.88	29.03	72	35.18	41.33	47.48	53.63
4.55	10.70	16.85	23.00	29.15	74	35.30	41.45	47.60	53.75
4.67	10.82	16.97	23.12	29.27	76	35.42	41.57	47.72	53.87
4.80	10.95	17.10	23.25	29.40	78	35.55	41.70	47.85	54.00
4.92	11.07	17.22	23.37	29.52	80	35.67	41.82	47.97	54.12
5.04	11.19	17.34	23.49	29.64	82	35.79	41.94	48.09	54.24
5.17	11.32	17.47	23.62	29.77	84	35.92	42.07	48.22	54.37
5.29	11.44	17.59	23.74	29.89	86	36.04	42.19	48.34	54.49
5.41	11.56	17.71	23.86	30.01	88	36.16	42.31	48.46	54.61
5.54	11.69	17.84	23.99	30.14	90	36.29	42.44	48.59	54.74
5.66	11.81	17.96	24.11	30.26	92	36.41	42.56	48.71	54.86
5.78	11.93	18.08	24.23	30.38	94	36.53	42.68	48.83	54.98
5.90	12.05	18.20	24.35	30.50	96	36.65	42.80	48.95	55.10
6.03	12.18	18.33	24.48	30.63	98	36.78	42.93	49.08	55.23

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
61.50	123.00	184.50	246.00		307.50	369.00	430.50	492.00	553.50
615.00	676.50	738.00	799.50	861.00	10	922.50	984.00	1045.50	1107.00
1230.00	1291.50	1353.00	1414.50	1476.00	20	1537.50	1599.00	1660.50	1722.00



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	6.18	12.35	18.53	24.70		30.88	37.05	43.23	49.40	55.58
12	6.30	12.47	18.65	24.82	2	31.00	37.17	43.35	49.52	55.70
25	6.42	12.60	18.77	24.95	4	31.12	37.30	43.47	49.65	55.82
37	6.55	12.72	18.90	25.07	6	31.25	37.42	43.60	49.77	55.95
49	6.67	12.84	19.02	25.19	8	31.37	37.54	43.72	49.89	56.07
62	6.79	12.97	19.14	25.32	10	31.49	37.67	43.84	50.02	56.19
74	6.92	13.09	19.27	25.44	12	31.62	37.79	43.97	50.14	56.32
86	7.04	13.21	19.39	25.56	14	31.74	37.91	44.09	50.26	56.44
99	7.16	13.34	19.51	25.69	16	31.86	38.04	44.21	50.39	56.56
1.11	7.29	13.46	19.64	25.81	18	31.99	38.16	44.34	50.51	56.69
1.24	7.41	13.59	19.76	25.94	20	32.11	38.29	44.46	50.64	56.81
1.36	7.53	13.71	19.88	26.06	22	32.23	38.41	44.58	50.76	56.93
1.48	7.66	13.83	20.01	26.18	24	32.36	38.53	44.71	50.88	57.06
1.61	7.78	13.96	20.13	26.31	26	32.48	38.66	44.83	51.01	57.18
1.73	7.90	14.08	20.25	26.43	28	32.60	38.78	44.95	51.13	57.30
1.85	8.03	14.20	20.38	26.55	30	32.73	38.90	45.08	51.25	57.43
1.98	8.15	14.33	20.50	26.68	32	32.85	39.03	45.20	51.38	57.55
2.10	8.27	14.45	20.62	26.80	34	32.97	39.15	45.32	51.50	57.67
2.22	8.40	14.57	20.75	26.92	36	33.10	39.27	45.45	51.62	57.80
2.35	8.52	14.70	20.87	27.05	38	33.22	39.40	45.57	51.75	57.92
2.47	8.65	14.82	21.00	27.17	40	33.35	39.52	45.70	51.87	58.05
2.59	8.77	14.94	21.12	27.29	42	33.47	39.64	45.82	51.99	58.17
2.72	8.89	15.07	21.24	27.42	44	33.59	39.77	45.94	52.12	58.29
2.84	9.02	15.19	21.37	27.54	46	33.72	39.89	46.07	52.24	58.42
2.96	9.14	15.31	21.49	27.66	48	33.84	40.01	46.19	52.36	58.54
3.09	9.26	15.44	21.61	27.79	50	33.96	40.14	46.31	52.49	58.66

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.21	9.39	15.56	21.74	27.91	52	34.09	40.26	46.44	52.61	58.79
3.33	9.51	15.68	21.86	28.03	54	34.21	40.38	46.56	52.73	58.91
3.46	9.63	15.81	21.98	28.16	56	34.33	40.51	46.68	52.86	59.03
3.58	9.76	15.93	22.11	28.28	58	34.46	40.63	46.81	52.98	59.16
3.71	9.88	16.06	22.23	28.41	60	34.58	40.76	46.93	53.11	59.28
3.83	10.00	16.18	22.35	28.53	62	34.70	40.88	47.05	53.23	59.40
3.95	10.13	16.30	22.48	28.65	64	34.83	41.00	47.18	53.35	59.53
4.08	10.25	16.43	22.60	28.78	66	34.95	41.13	47.30	53.48	59.65
4.20	10.37	16.55	22.72	28.90	68	35.07	41.25	47.42	53.60	59.77
4.32	10.50	16.67	22.85	29.02	70	35.20	41.37	47.55	53.72	59.90
4.45	10.62	16.80	22.97	29.15	72	35.32	41.50	47.67	53.85	60.02
4.57	10.74	16.92	23.09	29.27	74	35.44	41.62	47.79	53.97	60.14
4.69	10.87	17.04	23.22	29.39	76	35.57	41.74	47.92	54.09	60.27
4.82	10.99	17.17	23.34	29.52	78	35.69	41.87	48.04	54.22	60.39
4.94	11.12	17.29	23.47	29.64	80	35.82	41.99	48.17	54.34	60.52
5.06	11.24	17.41	23.59	29.76	82	35.94	42.11	48.29	54.46	60.64
5.19	11.36	17.54	23.71	29.89	84	36.06	42.24	48.41	54.59	60.76
5.31	11.49	17.66	23.84	30.01	86	36.19	42.36	48.54	54.71	60.89
5.43	11.61	17.78	23.96	30.13	88	36.31	42.48	48.66	54.83	61.01
5.56	11.73	17.91	24.08	30.26	90	36.43	42.61	48.78	54.96	61.13
5.68	11.86	18.03	24.21	30.38	92	36.56	42.73	48.91	55.08	61.26
5.80	11.98	18.15	24.33	30.50	94	36.68	42.85	49.03	55.20	61.38
5.93	12.10	18.28	24.45	30.63	96	36.80	42.98	49.15	55.33	61.50
6.05	12.23	18.40	24.58	30.75	98	36.93	43.10	49.28	55.45	61.63

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
61.75	123.50	185.25	247.00			308.75	370.50	432.25	494.00	555.75
617.50	679.25	741.00	802.75	864.50	10	926.25	988.00	1049.75	1111.50	1173.25
1235.00	1296.75	1358.50	1420.25	1482.00	20	1543.75	1605.50	1667.25	1729.00	1790.75

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FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
6.75	6.20	12.40	18.60	24.80	1	31.00	37.20	43.40	49.60 55.80
6.12	6.32	12.52	18.72	24.92	2	31.12	37.32	43.52	49.72 55.92
5.25	6.45	12.65	18.85	25.05	4	31.25	37.45	43.65	49.85 56.05
4.37	6.57	12.77	18.97	25.17	6	31.37	37.57	43.77	49.97 56.17
3.50	6.70	12.90	19.10	25.30	8	31.50	37.70	43.90	50.10 56.30
2.62	6.82	13.02	19.22	25.42	10	31.62	37.82	44.02	50.22 56.42
1.74	6.94	13.14	19.34	25.54	12	31.74	37.94	44.14	50.34 56.54
0.87	7.07	13.27	19.47	25.67	14	31.87	38.07	44.27	50.47 56.67
0.99	7.19	13.39	19.59	25.79	16	31.99	38.19	44.39	50.59 56.79
1.12	7.32	13.52	19.72	25.92	18	32.12	38.32	44.52	50.72 56.92
1.24	7.44	13.64	19.84	26.04	20	32.24	38.44	44.64	50.84 57.04
1.36	7.56	13.76	19.96	26.16	22	32.36	38.56	44.76	50.96 57.16
1.49	7.69	13.89	20.09	26.29	24	32.49	38.69	44.89	51.09 57.29
1.61	7.81	14.01	20.21	26.41	26	32.61	38.81	45.01	51.21 57.41
1.74	7.94	14.14	20.34	26.54	28	32.74	38.94	45.14	51.34 57.54
1.86	8.06	14.26	20.46	26.66	30	32.86	39.06	45.26	51.46 57.66
1.98	8.18	14.38	20.58	26.78	32	32.98	39.18	45.38	51.58 57.78
2.11	8.31	14.51	20.71	26.91	34	33.11	39.31	45.51	51.71 57.91
2.23	8.43	14.63	20.83	27.03	36	33.23	39.43	45.63	51.83 58.03
2.36	8.56	14.76	20.96	27.16	38	33.36	39.56	45.76	51.96 58.16
2.48	8.68	14.88	21.08	27.28	40	33.48	39.68	45.88	52.08 58.28
2.60	8.80	15.00	21.20	27.40	42	33.60	39.80	46.00	52.20 58.40
2.73	8.93	15.13	21.33	27.53	44	33.73	39.93	46.13	52.33 58.53
2.85	9.05	15.25	21.45	27.65	46	33.85	40.05	46.25	52.45 58.65
2.98	9.18	15.38	21.58	27.78	48	33.98	40.18	46.38	52.58 58.78
3.10	9.30	15.50	21.70	27.90	50	34.10	40.30	46.50	52.70 58.90

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.22	9.42	15.62	21.82	28.02	52	34.22	40.42	46.62	52.82 59.02
3.35	9.55	15.75	21.95	28.15	54	34.35	40.55	46.75	52.95 59.15
3.47	9.67	15.87	22.07	28.27	56	34.47	40.67	46.87	53.07 59.27
3.60	9.80	16.00	22.20	28.40	58	34.60	40.80	47.00	53.20 59.40
3.72	9.92	16.12	22.32	28.52	60	34.72	40.92	47.12	53.32 59.52
3.84	10.04	16.24	22.44	28.64	62	34.84	41.04	47.24	53.44 59.64
3.97	10.17	16.37	22.57	28.77	64	34.97	41.17	47.37	53.57 59.77
4.09	10.29	16.49	22.69	28.89	66	35.09	41.29	47.49	53.69 59.89
4.22	10.42	16.62	22.82	29.02	68	35.22	41.42	47.62	53.82 60.02
4.34	10.54	16.74	22.94	29.14	70	35.34	41.54	47.74	53.94 60.14
4.46	10.66	16.86	23.06	29.26	72	35.46	41.66	47.86	54.06 60.26
4.59	10.79	16.99	23.19	29.39	74	35.59	41.79	47.99	54.19 60.39
4.71	10.91	17.11	23.31	29.51	76	35.71	41.91	48.11	54.31 60.51
4.84	11.04	17.24	23.44	29.64	78	35.84	42.04	48.24	54.44 60.64
4.96	11.16	17.36	23.56	29.76	80	35.96	42.16	48.36	54.56 60.76
5.08	11.28	17.48	23.68	29.88	82	36.08	42.28	48.48	54.68 60.88
5.21	11.41	17.61	23.81	30.01	84	36.21	42.41	48.61	54.81 61.01
5.33	11.53	17.73	23.93	30.13	86	36.33	42.53	48.73	54.93 61.13
5.46	11.66	17.86	24.06	30.26	88	36.46	42.66	48.86	55.06 61.26
5.58	11.78	17.98	24.18	30.38	90	36.58	42.78	48.98	55.18 61.38
5.70	11.90	18.10	24.30	30.50	92	36.70	42.90	49.10	55.30 61.50
5.83	12.03	18.23	24.43	30.63	94	36.83	43.03	49.23	55.43 61.63
5.95	12.15	18.35	24.55	30.75	96	36.95	43.15	49.35	55.55 61.75
6.08	12.28	18.48	24.68	30.88	98	37.08	43.28	49.48	55.68 61.88

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
62.00	124.00	186.00	248.00	10	310.00	372.00	434.00	496.00	558.00
620.00	682.00	744.00	806.00	808.00	10	930.00	992.00	1054.00	1116.00 1178.00
1240.00	1302.00	1364.00	1426.00	1488.00	20	1550.00	1612.00	1674.00	1736.00 1798.00



FEET									
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
	6.23	12.45	18.68	24.90		31.13	37.35	43.58	49.80
.12	6.35	12.57	18.80	25.02	2	31.25	37.47	43.70	49.92
.25	6.47	12.70	18.92	25.15	4	31.37	37.60	43.82	50.05
.37	6.60	12.82	19.05	25.27	6	31.50	37.72	43.95	50.17
.50	6.72	12.95	19.17	25.40	8	31.62	37.85	44.07	50.30
.62	6.85	13.07	19.30	25.52	10	31.75	37.97	44.20	50.42
.75	6.97	13.20	19.42	25.65	12	31.87	38.10	44.32	50.55
.87	7.10	13.32	19.55	25.77	14	32.00	38.22	44.45	50.67
1.00	7.22	13.45	19.67	25.90	16	32.12	38.35	44.57	50.80
1.12	7.35	13.57	19.80	26.02	18	32.25	38.47	44.70	50.92
1.25	7.47	13.70	19.92	26.15	20	32.37	38.50	44.82	51.05
1.37	7.59	13.82	20.04	26.27	22	32.49	38.72	44.94	51.17
1.49	7.72	13.94	20.17	26.39	24	32.62	38.84	45.07	51.29
1.62	7.84	14.07	20.29	26.52	26	32.74	38.97	45.19	51.42
1.74	7.97	14.19	20.42	26.64	28	32.87	39.09	45.32	51.54
1.87	8.09	14.32	20.54	26.77	30	32.99	39.22	45.44	51.67
1.99	8.22	14.44	20.67	26.89	32	33.12	39.34	45.57	51.79
2.12	8.34	14.57	20.79	27.02	34	33.24	39.47	45.69	51.92
2.24	8.47	14.69	20.92	27.14	36	33.37	39.59	45.82	52.04
2.37	8.59	14.82	21.04	27.27	38	33.49	39.72	45.94	52.17
2.49	8.72	14.94	21.17	27.39	40	33.62	39.84	46.07	52.29
2.61	8.84	15.06	21.29	27.51	42	33.74	39.96	46.19	52.41
2.74	8.96	15.19	21.41	27.64	44	33.86	40.09	46.31	52.54
2.86	9.09	15.31	21.54	27.76	46	33.99	40.21	46.44	52.66
2.99	9.21	15.44	21.66	27.89	48	34.11	40.34	46.56	52.79
3.11	9.34	15.56	21.79	28.01	50	34.24	40.46	46.69	52.91

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
3.24	9.46	15.69	21.91	28.14	52	34.36	40.59	46.81	53.04
3.36	9.59	15.81	22.04	28.26	54	34.49	40.71	46.94	53.16
3.49	9.71	15.94	22.16	28.39	56	34.61	40.84	47.06	53.29
3.61	9.84	16.06	22.29	28.51	58	34.74	40.96	47.19	53.41
3.74	9.96	16.19	22.41	28.64	60	34.86	41.09	47.31	53.54
3.86	10.08	16.31	22.53	28.76	62	34.98	41.21	47.43	53.66
3.98	10.21	16.43	22.66	28.88	64	35.11	41.33	47.56	53.78
4.11	10.33	16.56	22.78	29.01	66	35.23	41.46	47.68	53.91
4.23	10.46	16.68	22.91	29.13	68	35.36	41.58	47.81	54.03
4.36	10.58	16.81	23.03	29.26	70	35.48	41.71	47.93	54.16
4.48	10.71	16.93	23.16	29.38	72	35.61	41.83	48.06	54.28
4.61	10.83	17.06	23.28	29.51	74	35.73	41.96	48.18	54.41
4.73	10.96	17.18	23.41	29.63	76	35.86	42.08	48.31	54.53
4.86	11.08	17.31	23.53	29.76	78	35.98	42.21	48.43	54.66
4.98	11.21	17.43	23.66	29.88	80	36.11	42.33	48.56	54.78
5.10	11.33	17.55	23.78	30.00	82	36.23	42.45	48.68	54.90
5.23	11.45	17.68	23.90	30.13	84	36.35	42.58	48.80	55.03
5.35	11.58	17.80	24.03	30.25	86	36.48	42.70	48.93	55.15
5.48	11.70	17.93	24.15	30.38	88	36.60	42.83	49.05	55.28
5.60	11.83	18.05	24.28	30.50	90	36.73	42.95	49.18	55.40
5.73	11.95	18.18	24.40	30.63	92	36.85	43.08	49.30	55.53
5.85	12.08	18.30	24.53	30.75	94	36.98	43.20	49.43	55.65
5.98	12.20	18.43	24.65	30.88	96	37.10	43.33	49.55	55.78
6.10	12.33	18.55	24.78	31.00	98	37.23	43.45	49.68	55.90

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
62.25	124.50	186.75	249.00		311.25	373.50	435.75	498.00	560.25
622.50	684.75	747.00	809.25	10	993.75	996.00	1058.25	1120.50	1182.75
1245.00	1307.25	1369.50	1431.75	20	1556.25	1618.50	1680.75	1743.00	1805.25

1x3

\$62

\$63

\$64

\$65

\$66

\$67

\$68

\$69

\$70

\$71

\$72

\$73

\$74

\$75

R

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
2.00	6.25	12.50	18.75	25.00	2	31.25	37.50	43.75	50.00 56.25
2.13	6.38	12.63	18.88	25.13	2	31.38	37.63	43.88	50.13 56.38
2.25	6.50	12.75	19.00	25.25	4	31.50	37.75	44.00	50.25 56.50
2.38	6.63	12.88	19.13	25.38	6	31.63	37.88	44.13	50.38 56.63
2.50	6.75	13.00	19.25	25.50	8	31.75	38.00	44.25	50.50 56.75
2.63	6.88	13.13	19.38	25.63	10	31.88	38.13	44.38	50.63 56.88
2.75	7.00	13.25	19.50	25.75	12	32.00	38.25	44.50	50.75 57.00
2.88	7.13	13.38	19.63	25.88	14	32.13	38.38	44.63	50.88 57.13
3.00	7.25	13.50	19.75	26.00	16	32.25	38.50	44.75	51.00 57.25
3.13	7.38	13.63	19.88	26.13	18	32.38	38.63	44.88	51.13 57.38
3.25	7.50	13.75	20.00	26.25	20	32.50	38.75	45.00	51.25 57.50
3.38	7.63	13.88	20.13	26.38	22	32.63	38.88	45.13	51.38 57.63
3.50	7.75	14.00	20.25	26.50	24	32.75	39.00	45.25	51.50 57.75
3.63	7.88	14.13	20.38	26.63	26	32.88	39.13	45.38	51.63 57.88
3.75	8.00	14.25	20.50	26.75	28	33.00	39.25	45.50	51.75 58.00
3.88	8.13	14.38	20.63	26.88	30	33.13	39.38	45.63	51.88 58.13
4.00	8.25	14.50	20.75	27.00	32	33.25	39.50	45.75	52.00 58.25
4.13	8.38	14.63	20.88	27.13	34	33.38	39.63	45.88	52.13 58.38
4.25	8.50	14.75	21.00	27.25	36	33.50	39.75	46.00	52.25 58.50
4.38	8.63	14.88	21.13	27.38	38	33.63	39.88	46.13	52.38 58.63
4.50	8.75	15.00	21.25	27.50	40	33.75	40.00	46.25	52.50 58.75
4.63	8.88	15.13	21.38	27.63	42	33.88	40.13	46.38	52.63 58.88
4.75	9.00	15.25	21.50	27.75	44	34.00	40.25	46.50	52.75 59.00
4.88	9.13	15.38	21.63	27.88	46	34.13	40.38	46.63	52.88 59.13
5.00	9.25	15.50	21.75	28.00	48	34.25	40.50	46.75	53.00 59.25
5.13	9.38	15.63	21.88	28.13	50	34.38	40.63	46.88	53.13 59.38

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.25	9.50	15.75	22.00	28.25	52	34.50	40.75	47.00	53.25 59.50
3.38	9.63	15.88	22.13	28.38	54	34.63	40.88	47.13	53.38 59.63
3.50	9.75	16.00	22.25	28.50	56	34.75	41.00	47.25	53.50 59.75
3.63	9.88	16.13	22.38	28.63	58	34.88	41.13	47.38	53.63 59.88
3.75	10.00	16.25	22.50	28.75	60	35.00	41.25	47.50	53.75 60.00
3.88	10.13	16.38	22.63	28.88	62	35.13	41.38	47.63	53.88 60.13
4.00	10.25	16.50	22.75	29.00	64	35.25	41.50	47.75	54.00 60.25
4.13	10.38	16.63	22.88	29.13	66	35.38	41.63	47.88	54.13 60.38
4.25	10.50	16.75	23.00	29.25	68	35.50	41.75	48.00	54.25 60.50
4.38	10.63	16.88	23.13	29.38	70	35.63	41.88	48.13	54.38 60.63
4.50	10.75	17.00	23.25	29.50	72	35.75	42.00	48.25	54.50 60.75
4.63	10.88	17.13	23.38	29.63	74	35.88	42.13	48.38	54.63 60.88
4.75	11.00	17.25	23.50	29.75	76	36.00	42.25	48.50	54.75 61.00
4.88	11.13	17.38	23.63	29.88	78	36.13	42.38	48.63	54.88 61.13
5.00	11.25	17.50	23.75	30.00	80	36.25	42.50	48.75	55.00 61.25
5.13	11.38	17.63	23.88	30.13	82	36.38	42.63	48.88	55.13 61.38
5.25	11.50	17.75	24.00	30.25	84	36.50	42.75	49.00	55.25 61.50
5.38	11.63	17.88	24.13	30.38	86	36.63	42.88	49.13	55.38 61.63
5.50	11.75	18.00	24.25	30.50	88	36.75	43.00	49.25	55.50 61.75
5.63	11.88	18.13	24.38	30.63	90	36.88	43.13	49.38	55.63 61.88
5.75	12.00	18.25	24.50	30.75	92	37.00	43.25	49.50	55.75 62.00
5.88	12.13	18.38	24.63	30.88	94	37.13	43.38	49.63	55.88 62.13
6.00	12.25	18.50	24.75	31.00	96	37.25	43.50	49.75	56.00 62.25
6.13	12.38	18.63	24.88	31.13	98	37.38	43.63	49.88	56.13 62.38

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
625.00	62.50	125.00	187.50	250.00	10	812.50	875.00	1037.50	1187.50
1250.00	125.00	250.00	375.00	500.00	10	1625.00	1750.00	2075.00	2375.00
1875.00	187.50	375.00	562.50	750.00	20	3250.00	3500.00	4150.00	4750.00



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
6.28	12.55	18.83	25.10		31.38	37.65	43.93	50.20	56.48
6.40	12.68	18.95	25.23	2	31.50	37.78	44.05	50.33	56.60
6.53	12.80	19.08	25.35	4	31.63	37.90	44.18	50.45	56.73
6.65	12.93	19.20	25.48	6	31.75	38.03	44.30	50.58	56.85
6.78	13.05	19.33	25.60	8	31.88	38.15	44.43	50.70	56.98
6.90	13.18	19.45	25.73	10	32.00	38.28	44.55	50.83	57.10
7.03	13.30	19.58	25.85	12	32.13	38.40	44.68	50.95	57.23
7.15	13.43	19.70	25.98	14	32.25	38.53	44.80	51.08	57.35
7.28	13.55	19.83	26.10	16	32.38	38.65	44.93	51.20	57.48
7.40	13.68	19.95	26.23	18	32.50	38.78	45.05	51.33	57.60
7.53	13.81	20.08	26.36	20	32.63	38.91	45.18	51.46	57.73
7.66	13.93	20.21	26.48	22	32.76	39.03	45.31	51.58	57.86
7.78	14.06	20.33	26.61	24	32.88	39.16	45.43	51.71	57.98
7.91	14.18	20.46	26.73	26	33.01	39.28	45.56	51.83	58.11
8.03	14.31	20.58	26.86	28	33.13	39.41	45.68	51.96	58.23
8.16	14.43	20.71	26.98	30	33.26	39.53	45.81	52.08	58.36
8.28	14.56	20.83	27.11	32	33.38	39.66	45.93	52.21	58.48
8.41	14.68	20.96	27.23	34	33.51	39.78	46.06	52.33	58.61
8.53	14.81	21.08	27.36	36	33.63	39.91	46.18	52.46	58.73
8.66	14.93	21.21	27.48	38	33.76	40.03	46.31	52.58	58.86
8.79	15.06	21.34	27.61	40	33.89	40.16	46.44	52.71	58.99
8.91	15.19	21.46	27.74	42	34.01	40.29	46.56	52.84	59.11
9.04	15.31	21.59	27.86	44	34.14	40.41	46.69	52.96	59.24
9.16	15.44	21.71	27.99	46	34.26	40.54	46.81	53.09	59.36
9.29	15.56	21.84	28.11	48	34.39	40.66	46.94	53.21	59.49
9.41	15.69	21.96	28.24	50	34.51	40.79	47.06	53.34	59.61

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
9.54	15.81	22.09	28.36	52	34.64	40.91	47.19	53.46	59.74
9.66	15.94	22.21	28.49	54	34.76	41.04	47.31	53.59	59.86
9.79	16.06	22.34	28.61	56	34.89	41.16	47.44	53.71	59.99
9.91	16.19	22.46	28.74	58	35.01	41.29	47.56	53.84	60.11
10.04	16.32	22.59	28.87	60	35.14	41.42	47.69	53.97	60.24
10.17	16.44	22.72	28.99	62	35.27	41.54	47.82	54.09	60.37
10.29	16.57	22.84	29.12	64	35.39	41.67	47.94	54.22	60.49
10.42	16.69	22.97	29.24	66	35.52	41.79	48.07	54.34	60.62
10.54	16.82	23.09	29.37	68	35.64	41.92	48.19	54.47	60.74
10.67	16.94	23.22	29.49	70	35.77	42.04	48.32	54.59	60.87
10.79	17.07	23.34	29.62	72	35.89	42.17	48.44	54.72	60.99
10.92	17.19	23.47	29.74	74	36.02	42.29	48.57	54.84	61.12
11.04	17.32	23.59	29.87	76	36.14	42.42	48.69	54.97	61.24
11.17	17.44	23.72	29.99	78	36.27	42.54	48.82	55.09	61.37
11.30	17.57	23.85	30.12	80	36.40	42.67	48.95	55.22	61.50
11.42	17.70	23.97	30.25	82	36.52	42.80	49.07	55.35	61.62
11.55	17.82	24.10	30.37	84	36.65	42.92	49.20	55.47	61.75
11.67	17.95	24.22	30.50	86	36.77	43.05	49.32	55.60	61.87
11.80	18.07	24.35	30.62	88	36.90	43.17	49.45	55.72	62.00
11.92	18.20	24.47	30.75	90	37.02	43.30	49.57	55.85	62.12
12.05	18.32	24.60	30.87	92	37.15	43.42	49.70	55.97	62.25
12.17	18.45	24.72	31.00	94	37.27	43.55	49.82	56.10	62.37
12.30	18.57	24.85	31.12	96	37.40	43.67	49.95	56.22	62.50
12.42	18.70	24.97	31.25	98	37.52	43.80	50.07	56.35	62.62

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
62.75	125.50	188.25	251.00		313.75	376.50	439.25	502.00	564.75
627.50	630.25	753.00	815.75	878.50	941.25	1004.00	1066.75	1129.50	1192.25
1255.00	1317.75	1380.50	1443.25	1506.00	1568.75	1631.50	1694.25	1757.00	1819.75

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
	6.30	12.60	18.90	25.20		31.50	37.80	44.10	50.40	56.70
13	6.43	12.73	19.03	25.33	2	31.63	37.93	44.23	50.53	56.83
25	6.55	12.85	19.15	25.45	4	31.75	38.05	44.35	50.65	56.95
38	6.68	12.98	19.28	25.58	6	31.88	38.18	44.48	50.78	57.08
50	6.80	13.10	19.40	25.70	8	32.00	38.30	44.60	50.90	57.20
63	6.93	13.23	19.53	25.83	10	32.13	38.43	44.73	51.03	57.33
76	7.06	13.36	19.66	25.96	12	32.26	38.56	44.86	51.16	57.46
88	7.18	13.48	19.78	26.08	14	32.38	38.68	44.98	51.28	57.58
1.01	7.31	13.61	19.91	26.21	16	32.51	38.81	45.11	51.41	57.71
1.13	7.43	13.73	20.03	26.33	18	32.63	38.93	45.23	51.53	57.83
1.26	7.56	13.86	20.16	26.46	20	32.76	39.06	45.36	51.66	57.96
1.39	7.69	13.99	20.29	26.59	22	32.89	39.19	45.49	51.79	58.09
1.51	7.81	14.11	20.41	26.71	24	33.01	39.31	45.61	51.91	58.21
1.64	7.94	14.24	20.54	26.84	26	33.14	39.44	45.74	52.04	58.34
1.76	8.06	14.36	20.66	26.96	28	33.26	39.56	45.86	52.16	58.46
1.89	8.19	14.49	20.79	27.09	30	33.39	39.69	45.99	52.29	58.59
2.02	8.32	14.62	20.92	27.22	32	33.52	39.82	46.12	52.42	58.72
2.14	8.44	14.74	21.04	27.34	34	33.64	39.94	46.24	52.54	58.84
2.27	8.57	14.87	21.17	27.47	36	33.77	40.07	46.37	52.67	58.97
2.39	8.69	14.99	21.29	27.59	38	33.89	40.19	46.49	52.79	59.09
2.52	8.82	15.12	21.42	27.72	40	34.02	40.32	46.62	52.92	59.22
2.65	8.95	15.25	21.55	27.85	42	34.15	40.45	46.75	53.05	59.35
2.77	9.07	15.37	21.67	27.97	44	34.27	40.57	46.87	53.17	59.47
2.90	9.20	15.50	21.80	28.10	46	34.40	40.70	47.00	53.30	59.60
3.02	9.32	15.62	21.92	28.22	48	34.52	40.82	47.12	53.42	59.72
3.15	9.45	15.75	22.05	28.35	50	34.65	40.95	47.25	53.55	59.85

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
3.28	9.58	15.88	22.18	28.48	52	34.78	41.08	47.38	53.68	59.98
3.40	9.70	16.00	22.30	28.60	54	34.90	41.20	47.50	53.80	60.10
3.53	9.83	16.13	22.43	28.73	56	35.03	41.33	47.63	53.93	60.23
3.65	9.95	16.25	22.55	28.85	58	35.15	41.45	47.75	54.05	60.35
3.78	10.08	16.38	22.68	28.98	60	35.28	41.58	47.88	54.18	60.48
3.91	10.21	16.51	22.81	29.11	62	35.41	41.71	48.01	54.31	60.61
4.03	10.33	16.63	22.93	29.23	64	35.53	41.83	48.13	54.43	60.73
4.16	10.46	16.76	23.06	29.36	66	35.66	41.96	48.26	54.56	60.86
4.28	10.58	16.88	23.18	29.48	68	35.78	42.08	48.38	54.68	60.98
4.41	10.71	17.01	23.31	29.61	70	35.91	42.21	48.51	54.81	61.11
4.54	10.84	17.14	23.44	29.74	72	36.04	42.34	48.64	54.94	61.24
4.66	10.96	17.26	23.56	29.86	74	36.16	42.46	48.76	55.06	61.36
4.79	11.09	17.39	23.69	29.99	76	36.29	42.59	48.89	55.19	61.49
4.91	11.21	17.51	23.81	30.11	78	36.41	42.71	49.01	55.31	61.61
5.04	11.34	17.64	23.94	30.24	80	36.54	42.84	49.14	55.44	61.74
5.17	11.47	17.77	24.07	30.37	82	36.67	42.97	49.27	55.57	61.87
5.29	11.59	17.89	24.19	30.49	84	36.79	43.09	49.39	55.69	61.99
5.42	11.72	18.02	24.32	30.62	86	36.92	43.22	49.52	55.82	62.12
5.54	11.84	18.14	24.44	30.74	88	37.04	43.34	49.64	55.94	62.24
5.67	11.97	18.27	24.57	30.87	90	37.17	43.47	49.77	56.07	62.37
5.80	12.10	18.40	24.70	31.00	92	37.30	43.60	49.90	56.20	62.50
5.92	12.22	18.52	24.82	31.12	94	37.42	43.72	50.02	56.32	62.62
6.05	12.35	18.65	24.95	31.25	96	37.55	43.85	50.15	56.45	62.75
6.17	12.47	18.77	25.07	31.37	98	37.67	43.97	50.27	56.57	62.87

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
63.00	126.00	189.00	252.00		315.00	378.00	441.00	504.00	567.00
663.00	663.00	756.00	819.00	882.00	10	945.00	1008.00	1071.00	1134.00
1260.00	1221.00	1386.00	1449.00	1512.00	20	1575.00	1638.00	1701.00	1764.00



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	6.33	12.65	18.98	25.30		31.63	37.95	44.28	50.60	56.93
.13	6.45	12.78	19.10	25.43	2	31.75	38.08	44.40	50.73	57.05
.25	6.58	12.90	19.23	25.55	4	31.88	38.20	44.53	50.85	57.18
.38	6.70	13.03	19.35	25.68	6	32.00	38.33	44.65	50.98	57.30
.51	6.83	13.16	19.48	25.81	8	32.13	38.46	44.78	51.11	57.43
.63	6.96	13.28	19.61	25.93	10	32.26	38.58	44.91	51.23	57.56
.76	7.08	13.41	19.73	26.06	12	32.38	38.71	45.03	51.36	57.68
.89	7.21	13.54	19.86	26.19	14	32.51	38.84	45.16	51.49	57.81
1.01	7.34	13.66	19.99	26.31	16	32.64	38.96	45.29	51.61	57.94
1.14	7.46	13.79	20.11	26.44	18	32.76	39.09	45.41	51.74	58.06
1.27	7.59	13.92	20.24	26.57	20	32.89	39.22	45.54	51.87	58.19
1.39	7.72	14.04	20.37	26.69	22	33.02	39.34	45.67	51.99	58.32
1.52	7.84	14.17	20.49	26.82	24	33.14	39.47	45.79	52.12	58.44
1.64	7.97	14.29	20.62	26.94	26	33.27	39.59	45.92	52.24	58.57
1.77	8.10	14.42	20.75	27.07	28	33.40	39.72	46.05	52.37	58.70
1.90	8.22	14.55	20.87	27.20	30	33.52	39.85	46.17	52.50	58.82
2.02	8.35	14.67	21.00	27.32	32	33.65	39.97	46.30	52.62	58.95
2.15	8.48	14.80	21.13	27.45	34	33.78	40.10	46.43	52.75	59.08
2.28	8.60	14.93	21.25	27.58	36	33.90	40.23	46.55	52.88	59.20
2.40	8.73	15.05	21.38	27.70	38	34.03	40.35	46.68	53.00	59.33
2.53	8.86	15.18	21.51	27.83	40	34.16	40.48	46.81	53.13	59.46
2.66	8.98	15.31	21.63	27.96	42	34.28	40.61	46.93	53.26	59.58
2.78	9.11	15.43	21.76	28.08	44	34.41	40.73	47.06	53.38	59.71
2.91	9.23	15.56	21.88	28.21	46	34.53	40.86	47.18	53.51	59.83
3.04	9.36	15.69	22.01	28.34	48	34.66	40.99	47.31	53.64	59.96
3.16	9.49	15.81	22.14	28.46	50	34.79	41.11	47.44	53.76	60.09

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
3.29	9.61	15.94	22.26	28.59	52	34.91	41.24	47.56	53.89	60.21
3.42	9.74	16.07	22.39	28.72	54	35.04	41.37	47.69	54.02	60.34
3.54	9.87	16.19	22.52	28.84	56	35.17	41.49	47.82	54.14	60.47
3.67	9.99	16.32	22.64	28.97	58	35.29	41.62	47.94	54.27	60.59
3.80	10.12	16.45	22.77	29.10	60	35.42	41.75	48.07	54.40	60.72
3.92	10.25	16.57	22.90	29.22	62	35.55	41.87	48.20	54.52	60.85
4.05	10.37	16.70	23.02	29.35	64	35.67	42.00	48.32	54.65	60.97
4.17	10.50	16.82	23.15	29.47	66	35.80	42.12	48.45	54.77	61.10
4.30	10.63	16.95	23.28	29.60	68	35.93	42.25	48.58	54.90	61.23
4.43	10.75	17.08	23.40	29.73	70	36.05	42.38	48.70	55.03	61.35
4.55	10.88	17.20	23.53	29.85	72	36.18	42.50	48.83	55.15	61.48
4.68	11.01	17.33	23.66	29.98	74	36.31	42.63	48.96	55.28	61.61
4.81	11.13	17.46	23.78	30.11	76	36.43	42.76	49.08	55.41	61.73
4.93	11.26	17.58	23.91	30.23	78	36.56	42.88	49.21	55.53	61.86
5.06	11.39	17.71	24.04	30.36	80	36.69	43.01	49.34	55.66	61.99
5.19	11.51	17.84	24.16	30.49	82	36.81	43.14	49.46	55.79	62.11
5.31	11.64	17.96	24.29	30.61	84	36.94	43.26	49.59	55.91	62.24
5.44	11.76	18.09	24.41	30.74	86	37.06	43.39	49.71	56.04	62.36
5.57	11.89	18.22	24.54	30.87	88	37.19	43.52	49.84	56.17	62.49
5.69	12.02	18.34	24.67	30.99	90	37.32	43.64	49.97	56.29	62.62
5.82	12.14	18.47	24.79	31.12	92	37.44	43.77	50.09	56.42	62.74
5.95	12.27	18.60	24.92	31.25	94	37.57	43.90	50.22	56.55	62.87
6.07	12.40	18.72	25.05	31.37	96	37.70	44.02	50.35	56.67	63.00
6.20	12.52	18.85	25.17	31.50	98	37.82	44.15	50.47	56.80	63.12

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
63.25	126.50	189.75	253.00		316.25	379.50	442.75	506.00	569.25
632.50	695.75	759.00	822.25	885.50	10	948.75	1012.00	1075.25	1138.50
1265.00	1328.25	1391.50	1454.75	1518.00	20	1581.25	1644.50	1707.75	1771.00

1x3

\$63

\$64

\$65

\$66

\$67

\$68

\$69

\$70

\$71

\$72

\$73

\$74

\$75  
R

F E E T					F E E T				
2 to 98	100	200	300	400	feet	500	600	700	800 900
A M O U N T					A M O U N T				
6.35	12.70	19.05	25.40	31.75	38.10	44.45	50.80	57.15	
6.13	12.83	19.18	25.53	31.88	38.23	44.58	50.93	57.28	
6.25	12.95	19.30	25.65	32.00	38.35	44.70	51.05	57.40	
6.38	13.08	19.43	25.78	32.13	38.48	44.83	51.18	57.53	
6.51	13.21	19.56	25.91	32.26	38.61	44.96	51.31	57.66	
6.64	13.34	19.69	26.04	32.39	38.74	45.09	51.44	57.79	
6.76	13.46	19.81	26.16	32.51	38.86	45.21	51.56	57.91	
6.89	13.59	19.94	26.29	32.64	38.99	45.34	51.69	58.04	
1.02	7.37	13.72	20.07	32.77	39.12	45.47	51.82	58.17	
1.14	7.49	13.84	20.19	32.89	39.24	45.59	51.94	58.29	
1.27	7.62	13.97	20.32	33.02	39.37	45.72	52.07	58.42	
1.40	7.75	14.10	20.45	33.15	39.50	45.85	52.20	58.55	
1.52	7.87	14.22	20.57	33.27	39.62	45.97	52.32	58.67	
1.65	8.00	14.35	20.70	33.40	39.75	46.10	52.45	58.80	
1.78	8.13	14.48	20.83	33.53	39.88	46.23	52.58	58.93	
1.91	8.26	14.61	20.96	33.66	40.01	46.36	52.71	59.06	
2.03	8.38	14.73	21.08	33.78	40.13	46.48	52.83	59.18	
2.16	8.51	14.86	21.21	33.91	40.26	46.61	52.96	59.31	
2.29	8.64	14.99	21.34	34.04	40.39	46.74	53.09	59.44	
2.41	8.76	15.11	21.46	34.16	40.51	46.86	53.21	59.56	
2.54	8.89	15.24	21.59	34.29	40.64	46.99	53.34	59.69	
2.67	9.02	15.37	21.72	34.42	40.77	47.12	53.47	59.82	
2.79	9.14	15.49	21.84	34.54	40.89	47.24	53.59	59.94	
2.92	9.27	15.62	21.97	34.67	41.02	47.37	53.72	60.07	
3.05	9.40	15.75	22.10	34.80	41.15	47.50	53.85	60.20	
3.18	9.53	15.88	22.23	34.93	41.28	47.63	53.98	60.33	

2 to 98	100	200	300	400	feet	500	600	700	800 900
A M O U N T					A M O U N T				
3.30	9.65	16.00	22.35	28.70	35.05	41.40	47.75	54.10	60.45
3.43	9.78	16.13	22.48	28.83	35.18	41.53	47.88	54.23	60.58
3.56	9.91	16.26	22.61	28.96	35.31	41.66	48.01	54.36	60.71
3.68	10.03	16.38	22.73	29.08	35.43	41.78	48.13	54.48	60.83
3.81	10.16	16.51	22.86	29.21	35.56	41.91	48.26	54.61	60.96
3.94	10.29	16.64	22.99	29.34	35.69	42.04	48.39	54.74	61.09
4.06	10.41	16.76	23.11	29.46	35.81	42.16	48.51	54.86	61.21
4.19	10.54	16.89	23.24	29.59	35.94	42.29	48.64	54.99	61.34
4.32	10.67	17.02	23.37	29.72	36.07	42.42	48.77	55.12	61.47
4.45	10.80	17.15	23.50	29.85	36.20	42.55	48.90	55.25	61.60
4.57	10.92	17.27	23.62	29.97	36.32	42.67	49.02	55.37	61.72
4.70	11.05	17.40	23.75	30.10	36.45	42.80	49.15	55.50	61.85
4.83	11.18	17.53	23.88	30.23	36.58	42.93	49.28	55.63	61.98
4.95	11.30	17.65	24.00	30.35	36.70	43.05	49.40	55.75	62.10
5.08	11.43	17.78	24.13	30.48	36.83	43.18	49.53	55.88	62.23
5.21	11.56	17.91	24.26	30.61	36.96	43.31	49.66	56.01	62.36
5.33	11.68	18.03	24.38	30.73	37.08	43.43	49.78	56.13	62.48
5.46	11.81	18.16	24.51	30.86	37.21	43.56	49.91	56.26	62.61
5.59	11.94	18.29	24.64	30.99	37.34	43.69	50.04	56.39	62.74
5.72	12.07	18.42	24.77	31.12	37.47	43.82	50.17	56.52	62.87
5.84	12.19	18.54	24.89	31.24	37.59	43.94	50.29	56.64	62.99
5.97	12.32	18.67	25.02	31.37	37.72	44.07	50.42	56.77	63.12
6.10	12.45	18.80	25.15	31.50	37.85	44.20	50.55	56.90	63.25
6.22	12.57	18.92	25.27	31.62	37.97	44.32	50.67	57.02	63.37

Above 1M.

M F E E T					M F E E T				
1	2	3	4	M	5	6	7	8	9
A M O U N T					A M O U N T				
63.50	127.00	190.50	254.00		317.50	381.00	444.50	508.00	571.50
696.00	696.50	762.00	825.50	889.00	952.50	1016.00	1079.50	1143.00	1206.50
1270.00	1333.50	1397.00	1460.50	1524.00	1587.50	1651.00	1714.50	1778.00	1841.50



FEET-					FEET-					
2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
	6.38	12.75	19.13	25.50		31.88	38.25	44.63	51.00	57.38
.13	6.50	12.88	19.25	25.63	2	32.00	38.38	44.75	51.13	57.50
.26	6.63	13.01	19.38	25.76	4	32.13	38.51	44.88	51.26	57.63
.38	6.76	13.13	19.51	25.88	6	32.26	38.63	45.01	51.38	57.76
.51	6.89	13.26	19.64	26.01	8	32.39	38.76	45.14	51.51	57.89
.64	7.01	13.39	19.76	26.14	10	32.51	38.89	45.26	51.64	58.01
.77	7.14	13.52	19.89	26.27	12	32.64	39.02	45.39	51.77	58.14
.89	7.27	13.64	20.02	26.39	14	32.77	39.14	45.52	51.89	58.27
1.02	7.40	13.77	20.15	26.52	16	32.90	39.27	45.65	52.02	58.40
1.15	7.52	13.90	20.27	26.65	18	33.02	39.40	45.77	52.15	58.52
1.28	7.65	14.03	20.40	26.78	20	33.15	39.53	45.90	52.28	58.65
1.40	7.78	14.15	20.53	26.90	22	33.28	39.65	46.03	52.40	58.78
1.53	7.91	14.28	20.66	27.03	24	33.41	39.78	46.16	52.53	58.91
1.66	8.03	14.41	20.78	27.16	26	33.53	39.91	46.28	52.66	59.03
1.79	8.16	14.54	20.91	27.29	28	33.66	40.04	46.41	52.79	59.16
1.91	8.29	14.66	21.04	27.41	30	33.79	40.16	46.54	52.91	59.29
2.04	8.42	14.79	21.17	27.54	32	33.92	40.29	46.67	53.04	59.42
2.17	8.54	14.92	21.29	27.67	34	34.04	40.42	46.79	53.17	59.54
2.30	8.67	15.05	21.42	27.80	36	34.17	40.55	46.92	53.30	59.67
2.42	8.80	15.17	21.55	27.92	38	34.30	40.67	47.05	53.42	59.80
2.55	8.93	15.30	21.68	28.05	40	34.43	40.80	47.18	53.55	59.93
2.68	9.05	15.43	21.80	28.18	42	34.55	40.93	47.30	53.68	60.05
2.81	9.18	15.56	21.93	28.31	44	34.68	41.06	47.43	53.81	60.18
2.93	9.31	15.68	22.06	28.43	46	34.81	41.18	47.56	53.93	60.31
3.06	9.44	15.81	22.19	28.56	48	34.94	41.31	47.69	54.06	60.44
3.19	9.56	15.94	22.31	28.69	50	35.06	41.44	47.81	54.19	60.56

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
3.32	9.69	16.07	22.44	28.82	52	35.19	41.57	47.94	54.32	60.69
3.44	9.82	16.19	22.57	28.94	54	35.32	41.69	48.07	54.44	60.82
3.57	9.95	16.32	22.70	29.07	56	35.45	41.82	48.20	54.57	60.95
3.70	10.07	16.45	22.82	29.20	58	35.57	41.95	48.32	54.70	61.07
3.83	10.20	16.58	22.95	29.33	60	35.70	42.08	48.45	54.83	61.20
3.95	10.33	16.70	23.08	29.45	62	35.83	42.20	48.58	54.95	61.33
4.08	10.46	16.83	23.21	29.58	64	35.96	42.33	48.71	55.08	61.46
4.21	10.58	16.96	23.33	29.71	66	36.08	42.46	48.83	55.21	61.58
4.34	10.71	17.09	23.46	29.84	68	36.21	42.59	48.96	55.34	61.71
4.46	10.84	17.21	23.59	29.96	70	36.34	42.71	49.09	55.46	61.84
4.59	10.97	17.34	23.72	30.09	72	36.47	42.84	49.22	55.59	61.97
4.72	11.09	17.47	23.84	30.22	74	36.59	42.97	49.34	55.72	62.09
4.85	11.22	17.60	23.97	30.35	76	36.72	43.10	49.47	55.85	62.22
4.97	11.35	17.72	24.10	30.47	78	36.85	43.22	49.60	55.97	62.35
5.10	11.48	17.85	24.23	30.60	80	36.98	43.35	49.73	56.10	62.48
5.23	11.60	17.98	24.35	30.73	82	37.10	43.48	49.85	56.23	62.60
5.36	11.73	18.11	24.48	30.86	84	37.23	43.61	49.98	56.36	62.73
5.48	11.86	18.23	24.61	30.98	86	37.36	43.73	50.11	56.48	62.86
5.61	11.99	18.36	24.74	31.11	88	37.49	43.86	50.24	56.61	62.99
5.74	12.11	18.49	24.86	31.24	90	37.61	43.99	50.36	56.74	63.11
5.87	12.24	18.62	24.99	31.37	92	37.74	44.12	50.49	56.87	63.24
5.99	12.37	18.74	25.12	31.49	94	37.87	44.24	50.62	56.99	63.37
6.12	12.50	18.87	25.25	31.62	96	38.00	44.37	50.75	57.12	63.50
6.25	12.62	19.00	25.37	31.75	98	38.12	44.50	50.87	57.25	63.62

Above 1M.

M FEET										M FEET									
1	2	3	4	M	5	6	7	8	9	1	2	3	4	M	5	6	7	8	9
AMOUNT										AMOUNT									
63.75	127.50	191.25	255.00							318.75	382.50	446.25	510.00	573.75					
637.50	701.25	765.00	828.75	892.50	10	956.25	1020.00	1083.75	1147.50	1211.25									
1275.00	1338.75	1402.50	1466.25	1530.00	20	1593.75	1657.50	1721.25	1785.00	1848.75									

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
1.13	6.40	12.80	19.20	25.60	2	32.00	38.40	44.80	51.20
1.26	6.53	12.93	19.33	25.73	4	32.13	38.53	44.93	51.33
1.38	6.66	13.06	19.46	25.86	6	32.26	38.66	45.06	51.46
1.51	6.78	13.18	19.58	25.98	8	32.38	38.78	45.18	51.58
1.64	6.91	13.31	19.71	26.11	10	32.51	38.91	45.31	51.71
1.77	7.04	13.44	19.84	26.24	12	32.64	39.04	45.44	51.84
1.90	7.17	13.57	19.97	26.37	14	32.77	39.17	45.57	51.97
2.02	7.30	13.70	20.10	26.50	16	32.90	39.30	45.70	52.10
2.15	7.42	13.82	20.22	26.62	18	33.02	39.42	45.82	52.22
2.28	7.55	13.95	20.35	26.75	20	33.15	39.55	45.95	52.35
2.41	7.68	14.08	20.48	26.88	22	33.28	39.68	46.08	52.48
2.54	7.81	14.21	20.61	27.01	24	33.41	39.81	46.21	52.61
2.67	7.94	14.34	20.74	27.14	26	33.54	39.94	46.34	52.74
2.80	8.06	14.46	20.86	27.26	28	33.66	40.06	46.46	52.86
2.93	8.19	14.59	20.99	27.39	30	33.79	40.19	46.59	52.99
3.06	8.32	14.72	21.12	27.52	32	33.92	40.32	46.72	53.12
3.19	8.45	14.85	21.25	27.65	34	34.05	40.45	46.85	53.25
3.32	8.58	14.98	21.38	27.78	36	34.18	40.58	46.98	53.38
3.45	8.70	15.10	21.50	27.90	38	34.30	40.70	47.10	53.50
3.58	8.83	15.23	21.63	28.03	40	34.43	40.83	47.23	53.63
3.71	8.96	15.36	21.76	28.16	42	34.56	40.96	47.36	53.76
3.84	9.09	15.49	21.89	28.29	44	34.69	41.09	47.49	53.89
3.97	9.22	15.62	22.02	28.42	46	34.82	41.22	47.62	54.02
4.10	9.34	15.74	22.14	28.54	48	34.94	41.34	47.74	54.14
4.23	9.47	15.87	22.27	28.67	50	35.07	41.47	47.87	54.27
4.36	9.60	16.00	22.40	28.80		35.20	41.60	48.00	54.40
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
52	3.33	9.73	16.13	22.53	52	35.33	41.73	48.13	54.53
54	3.46	9.86	16.26	22.66	54	35.46	41.86	48.26	54.66
56	3.58	9.98	16.38	22.78	56	35.58	41.98	48.38	54.78
58	3.71	10.11	16.51	22.91	58	35.71	42.11	48.51	54.91
60	3.84	10.24	16.64	23.04	60	35.84	42.24	48.64	55.04
62	3.97	10.37	16.77	23.17	62	35.97	42.37	48.77	55.17
64	4.10	10.50	16.90	23.30	64	36.10	42.50	48.90	55.30
66	4.22	10.62	17.02	23.42	66	36.22	42.62	49.02	55.42
68	4.35	10.75	17.15	23.55	68	36.35	42.75	49.15	55.55
70	4.48	10.88	17.28	23.68	70	36.48	42.88	49.28	55.68
72	4.61	11.01	17.41	23.81	72	36.61	43.01	49.41	55.81
74	4.74	11.14	17.54	23.94	74	36.74	43.14	49.54	55.94
76	4.86	11.26	17.66	24.06	76	36.86	43.26	49.66	56.06
78	4.99	11.39	17.79	24.19	78	36.99	43.39	49.79	56.19
80	5.12	11.52	17.92	24.32	80	37.12	43.52	49.92	56.32
82	5.25	11.65	18.05	24.45	82	37.25	43.65	50.05	56.45
84	5.38	11.78	18.18	24.58	84	37.38	43.78	50.18	56.58
86	5.50	11.90	18.30	24.70	86	37.50	43.90	50.30	56.70
88	5.63	12.03	18.43	24.83	88	37.63	44.03	50.43	56.83
90	5.76	12.16	18.56	24.96	90	37.76	44.16	50.56	56.96
92	5.89	12.29	18.69	25.09	92	37.89	44.29	50.69	57.09
94	6.02	12.42	18.82	25.22	94	38.02	44.42	50.82	57.22
96	6.14	12.54	18.94	25.34	96	38.14	44.54	50.94	57.34
98	6.27	12.67	19.07	25.47	98	38.27	44.67	51.07	57.47

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
64.00	128.00	192.00	256.00	10	320.00	384.00	448.00	512.00	576.00
640.00	704.00	768.00	832.00	10	960.00	1024.00	1088.00	1152.00	1216.00
1280.00	1344.00	1408.00	1472.00	20	1600.00	1664.00	1728.00	1792.00	1856.00



FEET					FEET				
100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT				
6.43	12.85	19.28	25.70		32.13	38.55	44.98	51.40	57.83
13	6.55	12.98	19.40	25.83	2	32.25	38.68	45.10	51.53
26	6.68	13.11	19.53	25.96	4	32.38	38.81	45.23	51.66
39	6.81	13.24	19.66	26.09	6	32.51	38.94	45.36	51.79
51	6.94	13.36	19.79	26.21	8	32.64	39.06	45.49	51.91
64	7.07	13.49	19.92	26.34	10	32.77	39.19	45.62	52.04
77	7.20	13.62	20.05	26.47	12	32.90	39.32	45.75	52.17
90	7.32	13.75	20.17	26.60	14	33.02	39.45	45.87	52.30
1.03	7.45	13.88	20.30	26.73	16	33.15	39.58	46.00	52.43
1.16	7.58	14.01	20.43	26.86	18	33.28	39.71	46.13	52.56
1.29	7.71	14.14	20.56	26.99	20	33.41	39.84	46.26	52.69
1.41	7.84	14.26	20.69	27.11	22	33.54	39.96	46.39	52.81
1.54	7.97	14.39	20.82	27.24	24	33.67	40.09	46.52	52.94
1.67	8.10	14.52	20.95	27.37	26	33.80	40.22	46.65	53.07
1.80	8.22	14.65	21.07	27.50	28	33.92	40.35	46.77	53.20
1.93	8.35	14.78	21.20	27.63	30	34.05	40.48	46.90	53.33
2.06	8.48	14.91	21.33	27.76	32	34.18	40.61	47.03	53.46
2.18	8.61	15.03	21.46	27.88	34	34.31	40.73	47.16	53.58
2.31	8.74	15.16	21.59	28.01	36	34.44	40.86	47.29	53.71
2.44	8.87	15.29	21.72	28.14	38	34.57	40.99	47.42	53.84
2.57	9.00	15.42	21.85	28.27	40	34.70	41.12	47.55	53.97
2.70	9.12	15.55	21.97	28.40	42	34.82	41.25	47.67	54.10
2.83	9.25	15.68	22.10	28.53	44	34.95	41.38	47.80	54.23
2.96	9.38	15.81	22.23	28.66	46	35.08	41.51	47.93	54.36
3.08	9.51	15.93	22.36	28.78	48	35.21	41.63	48.06	54.48
3.21	9.64	16.06	22.49	28.91	50	35.34	41.76	48.19	54.61

2 to 95	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
3.34	9.77	16.19	22.62	29.04	52	35.47	41.89	48.32	54.74	61.17
3.47	9.89	16.32	22.74	29.17	54	35.59	42.02	48.44	54.87	61.29
3.60	10.02	16.45	22.87	29.30	56	35.72	42.15	48.57	55.00	61.42
3.73	10.15	16.58	23.00	29.43	58	35.85	42.28	48.70	55.13	61.55
3.86	10.28	16.71	23.13	29.56	60	35.98	42.41	48.83	55.26	61.68
3.98	10.41	16.83	23.26	29.68	62	36.11	42.53	48.96	55.38	61.81
4.11	10.54	16.96	23.39	29.81	64	36.24	42.66	49.09	55.51	61.94
4.24	10.67	17.09	23.52	29.94	66	36.37	42.79	49.22	55.64	62.07
4.37	10.79	17.22	23.64	30.07	68	36.49	42.92	49.34	55.77	62.19
4.50	10.92	17.35	23.77	30.20	70	36.62	43.05	49.47	55.90	62.32
4.63	11.05	17.48	23.90	30.33	72	36.75	43.18	49.60	56.03	62.45
4.75	11.18	17.60	24.03	30.45	74	36.88	43.30	49.73	56.15	62.58
4.88	11.31	17.73	24.16	30.58	76	37.01	43.43	49.86	56.28	62.71
5.01	11.44	17.86	24.29	30.71	78	37.14	43.56	49.99	56.41	62.84
5.14	11.57	17.99	24.42	30.84	80	37.27	43.69	50.12	56.54	62.97
5.27	11.69	18.12	24.54	30.97	82	37.39	43.82	50.24	56.67	63.09
5.40	11.82	18.25	24.67	31.10	84	37.52	43.95	50.37	56.80	63.22
5.53	11.95	18.38	24.80	31.23	86	37.65	44.08	50.50	56.96	63.35
5.65	12.08	18.50	24.93	31.35	88	37.78	44.20	50.63	57.05	63.48
5.78	12.21	18.63	25.06	31.48	90	37.91	44.33	50.76	57.18	63.61
5.91	12.34	18.76	25.19	31.61	92	38.04	44.46	50.89	57.31	63.74
6.04	12.46	18.89	25.31	31.74	94	38.16	44.59	51.01	57.44	63.86
6.17	12.59	19.02	25.44	31.87	96	38.29	44.72	51.14	57.57	63.99
6.30	12.72	19.15	25.57	32.00	98	38.42	44.85	51.27	57.70	64.12

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
64.25	128.50	192.75	257.00		321.25	385.50	449.75	514.00	578.25
642.50	706.75	771.00	835.25	899.50	10	963.75	1028.00	1092.25	1156.50
1285.00	1349.25	1413.50	1477.75	1542.00	20	1606.25	1670.50	1734.75	1799.00

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FEET					FEET				
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
	6.45	12.90	19.35	25.80	1	32.25	38.70	45.15	51.60
.13	6.58	13.03	19.48	25.93	2	32.38	38.83	45.28	51.73
.26	6.71	13.16	19.61	26.06	4	32.51	38.96	45.41	51.86
.39	6.84	13.29	19.74	26.19	6	32.64	39.09	45.54	51.99
.52	6.97	13.42	19.87	26.32	8	32.77	39.22	45.67	52.12
.65	7.10	13.55	20.00	26.45	10	32.90	39.35	45.80	52.25
.77	7.22	13.67	20.12	26.57	12	33.02	39.47	45.92	52.37
.90	7.35	13.80	20.25	26.70	14	33.15	39.60	46.05	52.50
1.03	7.48	13.93	20.38	26.83	16	33.28	39.73	46.18	52.63
1.16	7.61	14.06	20.51	26.96	18	33.41	39.86	46.31	52.76
1.29	7.74	14.19	20.64	27.09	20	33.54	39.99	46.44	52.89
1.42	7.87	14.32	20.77	27.22	22	33.67	40.12	46.57	53.02
1.55	8.00	14.45	20.90	27.35	24	33.80	40.25	46.70	53.15
1.68	8.13	14.58	21.03	27.48	26	33.93	40.38	46.83	53.28
1.81	8.26	14.71	21.16	27.61	28	34.06	40.51	46.96	53.41
1.94	8.39	14.84	21.29	27.74	30	34.19	40.64	47.09	53.54
2.06	8.51	14.96	21.41	27.86	32	34.31	40.76	47.21	53.66
2.19	8.64	15.09	21.54	27.99	34	34.44	40.89	47.34	53.79
2.32	8.77	15.22	21.67	28.12	36	34.57	41.02	47.47	53.92
2.45	8.90	15.35	21.80	28.25	38	34.70	41.15	47.60	54.05
2.58	9.03	15.48	21.93	28.38	40	34.83	41.28	47.73	54.18
2.71	9.16	15.61	22.06	28.51	42	34.96	41.41	47.86	54.31
2.84	9.29	15.74	22.19	28.64	44	35.09	41.54	47.99	54.44
2.97	9.42	15.87	22.32	28.77	46	35.22	41.67	48.12	54.57
3.10	9.55	16.00	22.45	28.90	48	35.35	41.80	48.25	54.70
3.23	9.68	16.13	22.58	29.03	50	35.48	41.93	48.38	54.83

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
3.35	9.80	16.25	22.70	29.15	52	35.60	42.05	48.50	54.95
3.48	9.93	16.38	22.83	29.28	54	35.73	42.18	48.63	55.08
3.61	10.06	16.51	22.96	29.41	56	35.86	42.31	48.76	55.21
3.74	10.19	16.64	23.09	29.54	58	35.99	42.44	48.89	55.34
3.87	10.32	16.77	23.22	29.67	60	36.12	42.57	49.02	55.47
4.00	10.45	16.90	23.35	29.80	62	36.25	42.70	49.15	55.60
4.13	10.58	17.03	23.48	29.93	64	36.38	42.83	49.28	55.73
4.26	10.71	17.16	23.61	30.06	66	36.51	42.96	49.41	55.86
4.39	10.84	17.29	23.74	30.19	68	36.64	43.09	49.54	55.99
4.52	10.97	17.42	23.87	30.32	70	36.77	43.22	49.67	56.12
4.64	11.09	17.54	23.99	30.44	72	36.89	43.34	49.79	56.24
4.77	11.22	17.67	24.12	30.57	74	37.02	43.47	49.92	56.37
4.90	11.35	17.80	24.25	30.70	76	37.15	43.60	50.05	56.50
5.03	11.48	17.93	24.38	30.83	78	37.28	43.73	50.18	56.63
5.16	11.61	18.06	24.51	30.96	80	37.41	43.86	50.31	56.76
5.29	11.74	18.19	24.64	31.09	82	37.54	43.99	50.44	56.89
5.42	11.87	18.32	24.77	31.22	84	37.67	44.12	50.57	57.02
5.55	12.00	18.45	24.90	31.35	86	37.80	44.25	50.70	57.15
5.68	12.13	18.58	25.03	31.48	88	37.93	44.38	50.83	57.28
5.81	12.26	18.71	25.16	31.61	90	38.06	44.51	50.96	57.41
5.93	12.38	18.83	25.28	31.73	92	38.18	44.63	51.08	57.53
6.06	12.51	18.96	25.41	31.86	94	38.31	44.76	51.21	57.66
6.19	12.64	19.09	25.54	31.99	96	38.44	44.89	51.34	57.79
6.32	12.77	19.22	25.67	32.12	98	38.57	45.02	51.47	57.92

Above 1 M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
64.50	129.00	193.50	258.00	10	322.50	387.00	451.50	516.00	580.50
645.00	1290.00	1935.00	2580.00	100	3225.00	3870.00	4515.00	5160.00	5805.00
6450.00	12900.00	19350.00	25800.00	1000	32250.00	38700.00	45150.00	51600.00	58050.00



2 to 95	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
	6.48	12.95	19.43	25.90		32.38	38.85	45.33	51.80	58.28
13	6.60	13.08	19.55	26.03	2	32.50	38.98	45.45	51.93	58.40
26	6.73	13.21	19.68	26.16	4	32.63	39.11	45.58	52.06	58.53
39	6.86	13.34	19.81	26.29	6	32.76	39.24	45.71	52.19	58.66
52	6.99	13.47	19.94	26.42	8	32.89	39.37	45.84	52.32	58.79
65	7.12	13.60	20.07	26.55	10	33.02	39.50	45.97	52.45	58.92
78	7.25	13.73	20.20	26.68	12	33.15	39.63	46.10	52.58	59.05
91	7.38	13.86	20.33	26.81	14	33.28	39.76	46.23	52.71	59.18
1.04	7.51	13.99	20.46	26.94	16	33.41	39.89	46.36	52.84	59.31
1.17	7.64	14.12	20.59	27.07	18	33.54	40.02	46.49	52.97	59.44
1.30	7.77	14.25	20.72	27.20	20	33.67	40.15	46.62	53.10	59.57
1.42	7.90	14.37	20.85	27.32	22	33.80	40.27	46.75	53.22	59.70
1.55	8.03	14.50	20.98	27.45	24	33.93	40.40	46.88	53.35	59.83
1.68	8.16	14.63	21.11	27.58	26	34.06	40.53	47.01	53.48	59.96
1.81	8.29	14.76	21.24	27.71	28	34.19	40.66	47.14	53.61	60.09
1.94	8.42	14.89	21.37	27.84	30	34.32	40.79	47.27	53.74	60.22
2.07	8.55	15.02	21.50	27.97	32	34.45	40.82	47.40	53.87	60.35
2.20	8.68	15.15	21.63	28.10	34	34.58	41.05	47.53	54.00	60.48
2.33	8.81	15.28	21.76	28.23	36	34.71	41.18	47.66	54.13	60.61
2.46	8.94	15.41	21.89	28.36	38	34.84	41.31	47.79	54.26	60.74
2.59	9.07	15.54	22.02	28.49	40	34.97	41.44	47.92	54.39	60.87
2.72	9.19	15.67	22.14	28.62	42	35.09	41.57	48.04	54.52	60.99
2.85	9.32	15.80	22.27	28.75	44	35.22	41.70	48.17	54.65	61.12
2.98	9.45	15.93	22.40	28.88	46	35.35	41.83	48.30	54.78	61.25
3.11	9.58	16.06	22.53	29.01	48	35.48	41.96	48.43	54.91	61.38
3.24	9.71	16.19	22.66	29.14	50	35.61	42.09	48.56	55.04	61.51

2 to 95	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
3.37	9.84	16.32	22.79	29.27	52	35.74	42.22	48.69	55.17	61.64
3.50	9.97	16.45	22.92	29.40	54	35.87	42.35	48.82	55.30	61.77
3.63	10.10	16.58	23.05	29.53	56	36.00	42.48	48.95	55.43	61.90
3.76	10.23	16.71	23.18	29.66	58	36.13	42.61	49.08	55.56	62.03
3.89	10.36	16.84	23.31	29.79	60	36.26	42.74	49.21	55.69	62.16
4.01	10.49	16.96	23.44	29.91	62	36.39	42.86	49.34	55.81	62.29
4.14	10.62	17.09	23.57	30.04	64	36.52	42.99	49.47	55.94	62.42
4.27	10.75	17.22	23.70	30.17	66	36.65	43.12	49.60	56.07	62.55
4.40	10.88	17.35	23.83	30.30	68	36.78	43.25	49.73	56.20	62.68
4.53	11.01	17.48	23.96	30.43	70	36.91	43.38	49.86	56.33	62.81
4.66	11.14	17.61	24.09	30.56	72	37.04	43.51	49.99	56.46	62.94
4.79	11.27	17.74	24.22	30.69	74	37.17	43.64	50.12	56.59	63.07
4.92	11.40	17.87	24.35	30.82	76	37.30	43.77	50.25	56.72	63.20
5.05	11.53	18.00	24.48	30.95	78	37.43	43.90	50.38	56.85	63.33
5.18	11.66	18.13	24.61	31.08	80	37.56	44.03	50.51	56.98	63.46
5.31	11.78	18.26	24.73	31.21	82	37.68	44.16	50.63	57.11	63.58
5.44	11.91	18.39	24.86	31.34	84	37.81	44.29	50.76	57.24	63.71
5.57	12.04	18.52	24.99	31.47	86	37.94	44.42	50.89	57.37	63.84
5.70	12.17	18.65	25.12	31.60	88	38.07	44.55	51.02	57.50	63.97
5.83	12.30	18.78	25.25	31.73	90	38.20	44.68	51.15	57.63	64.10
5.96	12.43	18.91	25.38	31.86	92	38.33	44.81	51.28	57.76	64.23
6.09	12.56	19.04	25.51	31.99	94	38.46	44.94	51.41	57.89	64.36
6.22	12.69	19.17	25.64	32.12	96	38.59	45.07	51.54	58.02	64.49
6.35	12.82	19.30	25.77	32.25	98	38.72	45.20	51.67	58.15	64.62

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
64.75	129.50	194.25	259.00		323.75	388.50	453.25	518.00	582.75
647.50	712.25	777.00	841.75	10	971.25	1036.00	1100.75	1165.50	1230.25
1295.00	1359.75	1424.50	1489.25	20	1618.75	1683.50	1748.25	1813.00	1877.75

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FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	6.50	13.00	19.50	26.00		32.50	39.00	45.50	52.00 58.50
.13	6.63	13.13	19.63	26.13	2	32.63	39.13	45.63	52.13 58.63
.26	6.76	13.26	19.76	26.26	4	32.76	39.26	45.76	52.26 58.76
.39	6.89	13.39	19.89	26.39	6	32.89	39.39	45.89	52.39 58.89
.52	7.02	13.52	20.02	26.52	8	33.02	39.52	46.02	52.52 59.02
.65	7.15	13.65	20.15	26.65	10	33.15	39.65	46.15	52.65 59.15
.78	7.28	13.78	20.28	26.78	12	33.28	39.78	46.28	52.78 59.28
.91	7.41	13.91	20.41	26.91	14	33.41	39.91	46.41	52.91 59.41
1.04	7.54	14.04	20.54	27.04	16	33.54	40.04	46.54	53.04 59.54
1.17	7.67	14.17	20.67	27.17	18	33.67	40.17	46.67	53.17 59.67
1.30	7.80	14.30	20.80	27.30	20	33.80	40.30	46.80	53.30 59.80
1.43	7.93	14.43	20.93	27.43	22	33.93	40.43	46.93	53.43 59.93
1.56	8.06	14.56	21.06	27.56	24	34.06	40.56	47.06	53.56 60.06
1.69	8.19	14.69	21.19	27.69	26	34.19	40.69	47.19	53.69 60.19
1.82	8.32	14.82	21.32	27.82	28	34.32	40.82	47.32	53.82 60.32
1.95	8.45	14.95	21.45	27.95	30	34.45	40.95	47.45	53.95 60.45
2.08	8.58	15.08	21.58	28.08	32	34.58	41.08	47.58	54.08 60.58
2.21	8.71	15.21	21.71	28.21	34	34.71	41.21	47.71	54.21 60.71
2.34	8.84	15.34	21.84	28.34	36	34.84	41.34	47.84	54.34 60.84
2.47	8.97	15.47	21.97	28.47	38	34.97	41.47	47.97	54.47 60.97
2.60	9.10	15.60	22.10	28.60	40	35.10	41.60	48.10	54.60 61.10
2.73	9.23	15.73	22.23	28.73	42	35.23	41.73	48.23	54.73 61.23
2.86	9.36	15.86	22.36	28.86	44	35.36	41.86	48.36	54.86 61.36
2.99	9.49	15.99	22.49	28.99	46	35.49	41.99	48.49	54.99 61.49
3.12	9.62	16.12	22.62	29.12	48	35.62	42.12	48.62	55.12 61.62
3.25	9.75	16.25	22.75	29.25	50	35.75	42.25	48.75	55.25 61.75

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.38	9.88	16.38	22.88	29.38	52	35.88	42.38	48.88	55.38 61.88
3.51	10.01	16.51	23.01	29.51	54	36.01	42.51	49.01	55.51 62.01
3.64	10.14	16.64	23.14	29.64	56	36.14	42.64	49.14	55.64 62.14
3.77	10.27	16.77	23.27	29.77	58	36.27	42.77	49.27	55.77 62.27
3.90	10.40	16.90	23.40	29.90	60	36.40	42.90	49.40	55.90 62.40
4.03	10.53	17.03	23.53	30.03	62	36.53	43.03	49.53	56.03 62.53
4.16	10.66	17.16	23.66	30.16	64	36.66	43.16	49.66	56.16 62.66
4.29	10.79	17.29	23.79	30.29	66	36.79	43.29	49.79	56.29 62.79
4.42	10.92	17.42	23.92	30.42	68	36.92	43.42	49.92	56.42 62.92
4.55	11.05	17.55	24.05	30.55	70	37.05	43.55	50.05	56.55 63.05
4.68	11.18	17.68	24.18	30.68	72	37.18	43.68	50.18	56.68 63.18
4.81	11.31	17.81	24.31	30.81	74	37.31	43.81	50.31	56.81 63.31
4.94	11.44	17.94	24.44	30.94	76	37.44	43.94	50.44	56.94 63.44
5.07	11.57	18.07	24.57	31.07	78	37.57	44.07	50.57	57.07 63.57
5.20	11.70	18.20	24.70	31.20	80	37.70	44.20	50.70	57.20 63.70
5.33	11.83	18.33	24.83	31.33	82	37.83	44.33	50.83	57.33 63.83
5.46	11.96	18.46	24.96	31.46	84	37.96	44.46	50.96	57.46 63.96
5.59	12.09	18.59	25.09	31.59	86	38.09	44.59	51.09	57.59 64.09
5.72	12.22	18.72	25.22	31.72	88	38.22	44.72	51.22	57.72 64.22
5.85	12.35	18.85	25.35	31.85	90	38.35	44.85	51.35	57.85 64.35
5.98	12.48	18.98	25.48	31.98	92	38.48	44.98	51.48	57.98 64.48
6.11	12.61	19.11	25.61	32.11	94	38.61	45.11	51.61	58.11 64.61
6.24	12.74	19.24	25.74	32.24	96	38.74	45.24	51.74	58.24 64.74
6.37	12.87	19.37	25.87	32.37	98	38.87	45.37	51.87	58.37 64.87

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
	05.00	130.00	195.00	260.00		325.00	390.00	455.00	520.00 585.00
1000.00	715.00	780.00	845.00	910.00	10	975.00	1040.00	1105.00	1170.00 1235.00
1300.00	1105.00	1170.00	1235.00	1300.00	20	1625.00	1690.00	1755.00	1820.00 1885.00



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
.13	6.53	13.05	19.58	26.10	2	32.63	39.15	45.68	52.20 58.73
.26	6.66	13.18	19.71	26.23	4	32.76	39.28	45.81	52.33 58.86
.39	6.79	13.31	19.84	26.36	6	32.89	39.41	45.94	52.46 58.99
.52	6.92	13.44	19.97	26.49	8	33.02	39.54	46.07	52.59 59.12
.65	7.05	13.57	20.10	26.62	10	33.15	39.67	46.20	52.72 59.25
.78	7.18	13.70	20.23	26.75	12	33.28	39.80	46.33	52.85 59.38
.91	7.31	13.83	20.36	26.88	14	33.41	39.93	46.46	52.98 59.51
1.04	7.44	13.96	20.49	27.01	16	33.54	40.06	46.59	53.11 59.64
1.17	7.57	14.09	20.62	27.14	18	33.67	40.19	46.72	53.24 59.77
1.31	7.70	14.22	20.75	27.27	20	33.80	40.32	46.85	53.37 59.90
1.44	7.83	14.36	20.88	27.41	22	33.93	40.46	46.98	53.51 60.03
1.57	7.96	14.49	21.01	27.54	24	34.06	40.59	47.11	53.64 60.16
1.70	8.09	14.62	21.14	27.67	26	34.19	40.72	47.24	53.77 60.29
1.83	8.22	14.75	21.27	27.80	28	34.32	40.85	47.37	53.90 60.42
1.96	8.35	14.88	21.40	27.93	30	34.45	40.98	47.50	54.03 60.55
2.09	8.48	15.01	21.53	28.06	32	34.58	41.11	47.63	54.16 60.68
2.22	8.61	15.14	21.66	28.19	34	34.71	41.24	47.76	54.29 60.81
2.35	8.74	15.27	21.79	28.32	36	34.84	41.37	47.89	54.42 60.94
2.48	8.87	15.40	21.92	28.45	38	34.97	41.50	48.02	54.55 61.07
2.61	9.00	15.53	22.05	28.58	40	35.10	41.63	48.15	54.68 61.20
2.74	9.14	15.66	22.19	28.71	42	35.24	41.76	48.29	54.81 61.34
2.87	9.27	15.79	22.32	28.84	44	35.37	41.89	48.42	54.94 61.47
3.00	9.40	15.92	22.45	28.97	46	35.50	42.02	48.55	55.07 61.60
3.13	9.53	16.05	22.58	29.10	48	35.63	42.15	48.68	55.20 61.73
3.26	9.66	16.18	22.71	29.23	50	35.76	42.28	48.81	55.33 61.86
3.39	9.79	16.31	22.84	29.36	52	35.89	42.41	48.94	55.46 61.99

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.39	9.92	16.44	22.97	29.49	52	36.02	42.54	49.07	55.59 62.12
3.52	10.05	16.57	23.10	29.62	54	36.15	42.67	49.20	55.72 62.25
3.65	10.18	16.70	23.23	29.75	56	36.28	42.80	49.33	55.85 62.38
3.78	10.31	16.83	23.36	29.88	58	36.41	42.93	49.46	55.98 62.51
3.92	10.44	16.97	23.49	30.02	60	36.54	43.07	49.59	56.12 62.64
4.05	10.57	17.10	23.62	30.15	62	36.67	43.20	49.72	56.25 62.77
4.18	10.70	17.23	23.75	30.28	64	36.80	43.33	49.85	56.38 62.90
4.31	10.83	17.36	23.88	30.41	66	36.93	43.46	49.98	56.51 63.03
4.44	10.96	17.49	24.01	30.54	68	37.06	43.59	50.11	56.64 63.16
4.57	11.09	17.62	24.14	30.67	70	37.19	43.72	50.24	56.77 63.29
4.70	11.22	17.75	24.27	30.80	72	37.32	43.85	50.37	56.90 63.42
4.83	11.35	17.88	24.40	30.93	74	37.45	43.98	50.50	57.03 63.55
4.96	11.48	18.01	24.53	31.06	76	37.58	44.11	50.63	57.16 63.68
5.09	11.61	18.14	24.66	31.19	78	37.71	44.24	50.76	57.29 63.81
5.22	11.75	18.27	24.80	31.32	80	37.85	44.37	50.90	57.42 63.95
5.35	11.88	18.40	24.93	31.45	82	37.98	44.50	51.03	57.55 64.08
5.48	12.01	18.53	25.06	31.58	84	38.11	44.63	51.16	57.68 64.21
5.61	12.14	18.66	25.19	31.71	86	38.24	44.76	51.29	57.81 64.34
5.74	12.27	18.79	25.32	31.84	88	38.37	44.89	51.42	57.94 64.47
5.87	12.40	18.92	25.45	31.97	90	38.50	45.02	51.55	58.07 64.60
6.00	12.53	19.05	25.58	32.10	92	38.63	45.15	51.68	58.20 64.73
6.13	12.66	19.18	25.71	32.23	94	38.76	45.28	51.81	58.33 64.86
6.26	12.79	19.31	25.84	32.36	96	38.89	45.41	51.94	58.46 64.99
6.39	12.92	19.44	25.97	32.49	98	39.02	45.54	52.07	58.59 65.12

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
652.50	717.75	783.00	848.25	913.50	10	326.25	391.50	456.75	522.00 587.25
1305.00	1370.25	1435.50	1500.75	1566.00	20	978.75	1044.00	1109.25	1174.50 1239.75
						1631.25	1696.50	1761.75	1827.00 1892.25

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FEET									
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
	6.55	13.10	19.65	26.20		32.75	39.30	45.85	52.40
.13	6.68	13.23	19.78	26.33	2	32.88	39.43	45.98	52.53
.26	6.81	13.36	19.91	26.46	4	33.01	39.56	46.11	52.66
.39	6.94	13.49	20.04	26.59	6	33.14	39.69	46.24	52.79
.52	7.07	13.62	20.17	26.72	8	33.27	39.82	46.37	52.92
.66	7.21	13.76	20.31	26.86	10	33.41	39.96	46.51	53.06
.79	7.34	13.89	20.44	26.99	12	33.54	40.09	46.64	53.19
.92	7.47	14.02	20.57	27.12	14	33.67	40.22	46.77	53.32
1.05	7.60	14.15	20.70	27.25	16	33.80	40.35	46.90	53.45
1.18	7.73	14.28	20.83	27.38	18	33.93	40.48	47.03	53.58
1.31	7.86	14.41	20.96	27.51	20	34.06	40.61	47.16	53.71
1.44	7.99	14.54	21.09	27.64	22	34.19	40.74	47.29	53.84
1.57	8.12	14.67	21.22	27.77	24	34.32	40.87	47.42	53.97
1.70	8.25	14.80	21.35	27.90	26	34.45	41.00	47.55	54.10
1.83	8.38	14.93	21.48	28.03	28	34.58	41.13	47.68	54.23
1.97	8.52	15.07	21.62	28.17	30	34.72	41.27	47.82	54.37
2.10	8.65	15.20	21.75	28.30	32	34.85	41.40	47.95	54.50
2.23	8.78	15.33	21.88	28.43	34	34.98	41.53	48.08	54.63
2.36	8.91	15.46	22.01	28.56	36	35.11	41.66	48.21	54.76
2.49	9.04	15.59	22.14	28.69	38	35.24	41.79	48.34	54.89
2.62	9.17	15.72	22.27	28.82	40	35.37	41.92	48.47	55.02
2.75	9.30	15.85	22.40	28.95	42	35.50	42.05	48.60	55.15
2.88	9.43	15.98	22.53	29.08	44	35.63	42.18	48.73	55.28
3.01	9.56	16.11	22.66	29.21	46	35.76	42.31	48.86	55.41
3.14	9.69	16.24	22.79	29.34	48	35.89	42.44	48.99	55.54
3.28	9.83	16.38	22.93	29.48	50	36.03	42.58	49.13	55.68

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
3.41	9.96	16.51	23.06	29.61	52	36.16	42.71	49.26	55.81
3.54	10.09	16.64	23.19	29.74	54	36.29	42.84	49.39	55.94
3.67	10.22	16.77	23.32	29.87	56	36.42	42.97	49.52	56.07
3.80	10.35	16.90	23.45	30.00	58	36.55	43.10	49.65	56.20
3.93	10.48	17.03	23.58	30.13	60	36.68	43.23	49.78	56.33
4.06	10.61	17.16	23.71	30.26	62	36.81	43.36	49.91	56.46
4.19	10.74	17.29	23.84	30.39	64	36.94	43.49	50.04	56.59
4.32	10.87	17.42	23.97	30.52	66	37.07	43.62	50.17	56.72
4.45	11.00	17.55	24.10	30.65	68	37.20	43.75	50.30	56.85
4.59	11.14	17.69	24.24	30.79	70	37.34	43.89	50.44	56.99
4.72	11.27	17.82	24.37	30.92	72	37.47	44.02	50.57	57.12
4.85	11.40	17.95	24.50	31.05	74	37.60	44.15	50.70	57.25
4.98	11.53	18.08	24.63	31.18	76	37.73	44.28	50.83	57.38
5.11	11.66	18.21	24.76	31.31	78	37.86	44.41	50.96	57.51
5.24	11.79	18.34	24.89	31.44	80	37.99	44.54	51.09	57.64
5.37	11.92	18.47	25.02	31.57	82	38.12	44.67	51.22	57.77
5.50	12.05	18.60	25.15	31.70	84	38.25	44.80	51.35	57.90
5.63	12.18	18.73	25.38	31.83	86	38.38	44.93	51.48	58.03
5.76	12.31	18.86	25.41	31.96	88	38.51	45.06	51.61	58.16
5.90	12.45	19.00	25.55	32.10	90	38.65	45.20	51.75	58.30
6.03	12.58	19.13	25.68	32.23	92	38.78	45.23	51.88	58.43
6.16	12.71	19.26	25.81	32.36	94	38.91	45.36	52.01	58.56
6.29	12.84	19.39	25.94	32.49	96	39.04	45.49	52.14	58.69
6.42	12.98	19.52	26.08	32.62	98	39.18	45.62	52.28	58.82

Above 1M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
65.50	131.00	196.50	262.00		327.50	393.00	458.50	524.00	589.50
655.00	720.50	786.00	851.50	917.00	10	982.50	1048.00	1113.50	1179.00
1310.00	1375.50	1441.00	1506.50	1572.00	20	1637.50	1703.00	1768.50	1834.00



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	6.58	13.15	19.73	26.30		32.88	39.45	46.03	52.60	59.18
.13	6.71	13.28	19.86	26.43	2	33.01	39.58	46.16	52.73	59.31
.26	6.84	13.41	19.99	26.56	4	33.14	39.71	46.29	52.86	59.44
.39	6.97	13.54	20.12	26.69	6	33.27	39.84	46.42	52.99	59.57
.53	7.10	13.68	20.25	26.83	8	33.40	39.98	46.55	53.13	59.70
.66	7.23	13.81	20.38	26.96	10	33.53	40.11	46.68	53.26	59.83
.79	7.36	13.94	20.51	27.09	12	33.66	40.14	46.81	53.39	59.96
.92	7.50	14.07	20.65	27.22	14	33.80	40.37	46.95	53.52	60.10
1.05	7.63	14.20	20.78	27.35	16	33.93	40.50	47.08	53.65	60.23
1.18	7.76	14.33	20.91	27.48	18	34.06	40.63	47.21	53.78	60.36
1.32	7.89	14.47	21.04	27.62	20	34.19	40.77	47.34	53.92	60.49
1.45	8.02	14.60	21.17	27.75	22	34.32	40.90	47.47	54.05	60.62
1.58	8.15	14.73	21.30	27.88	24	34.45	41.03	47.60	54.18	60.75
1.71	8.28	14.86	21.43	28.01	26	34.58	41.16	47.73	54.31	60.88
1.84	8.42	14.99	21.58	28.14	28	34.72	41.29	47.88	54.44	61.02
1.97	8.55	15.12	21.71	28.27	30	34.85	41.42	48.01	54.57	61.15
2.10	8.68	15.25	21.84	28.40	32	34.98	41.55	48.14	54.70	61.28
2.24	8.81	15.39	21.96	28.54	34	35.11	41.69	48.26	54.84	61.41
2.37	8.94	15.52	22.09	28.67	36	35.24	41.82	48.39	54.97	61.54
2.50	9.07	15.65	22.22	28.80	38	35.37	41.95	48.52	55.10	61.67
2.63	9.21	15.78	22.36	28.93	40	35.51	42.08	48.66	55.23	61.81
2.76	9.34	15.91	22.49	29.06	42	35.64	42.21	48.79	55.36	61.94
2.89	9.47	16.04	22.62	29.19	44	35.77	42.34	48.92	55.49	62.07
3.02	9.60	16.17	22.75	29.32	46	35.90	42.47	49.05	55.62	62.20
3.16	9.73	16.31	22.88	29.46	48	36.03	42.61	49.18	55.76	62.33
3.29	9.86	16.44	23.01	29.59	50	36.16	42.74	49.31	55.89	62.46

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.42	9.99	16.57	23.14	29.72	52	36.29	42.87	49.44	56.02	62.59
3.55	10.13	16.70	23.28	29.85	54	36.43	43.00	49.58	56.15	62.73
3.68	10.26	16.83	23.41	29.98	56	36.56	43.13	49.71	56.28	62.86
3.81	10.39	16.96	23.54	30.11	58	36.69	43.26	49.84	56.41	62.99
3.95	10.52	17.10	23.67	30.25	60	36.82	43.40	49.97	56.55	63.12
4.08	10.65	17.23	23.80	30.38	62	36.95	43.53	50.10	56.68	63.25
4.21	10.78	17.36	23.93	30.51	64	37.08	43.66	50.23	56.81	63.38
4.34	10.91	17.49	24.06	30.64	66	37.21	43.79	50.36	56.94	63.51
4.47	11.05	17.62	24.20	30.77	68	37.35	43.92	50.50	57.07	63.65
4.60	11.18	17.75	24.33	30.90	70	37.48	44.05	50.63	57.20	63.78
4.73	11.31	17.88	24.46	31.03	72	37.61	44.18	50.76	57.33	63.91
4.87	11.44	18.02	24.59	31.17	74	37.74	44.32	50.89	57.47	64.04
5.00	11.57	18.15	24.72	31.30	76	37.87	44.45	51.02	57.60	64.17
5.13	11.70	18.28	24.85	31.43	78	38.00	44.58	51.15	57.73	64.30
5.26	11.84	18.41	24.99	31.56	80	38.14	44.71	51.29	57.86	64.44
5.39	11.97	18.54	25.12	31.69	82	38.27	44.84	51.42	57.99	64.57
5.52	12.10	18.67	25.25	31.82	84	38.40	44.97	51.55	58.12	64.70
5.65	12.23	18.80	25.38	31.95	86	38.53	45.10	51.68	58.25	64.83
5.79	12.36	18.94	25.51	32.09	88	38.66	45.24	51.81	58.39	64.96
5.92	12.49	19.07	25.64	32.22	90	38.79	45.37	51.94	58.52	65.09
6.05	12.62	19.20	25.77	32.35	92	38.92	45.50	52.07	58.65	65.22
6.18	12.76	19.33	25.91	32.48	94	39.06	45.63	52.21	58.78	65.36
6.31	12.89	19.46	26.04	32.61	96	39.19	45.76	52.34	58.91	65.49
6.44	13.02	19.59	26.17	32.74	98	39.32	45.89	52.47	59.04	65.62

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
65.75	131.50	197.25	263.00			328.75	394.50	460.25	526.00	591.75
657.50	723.25	789.00	855.75	10		887.25	953.00	1018.75	1084.50	1150.25
1315.00	1380.75	1446.50	1512.25	20		1643.75	1709.50	1775.25	1841.00	1906.75

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FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	6.60	13.20	19.80	26.40		33.00	39.60	46.20	52.80 59.40
.13	6.73	13.33	19.93	26.53	2	33.13	39.73	46.33	52.93 59.53
.26	6.86	13.46	20.06	26.66	4	33.26	39.86	46.46	53.06 59.66
.40	7.00	13.60	20.20	26.90	6	33.40	40.00	46.60	53.20 59.90
.53	7.13	13.73	20.33	26.93	8	33.53	40.13	46.73	53.33 59.93
.66	7.26	13.86	20.46	27.06	10	33.66	40.26	46.86	53.46 60.06
.79	7.39	13.99	20.59	27.29	12	33.79	40.39	46.99	53.59 60.29
.92	7.52	14.12	20.72	27.32	14	33.92	40.52	47.12	53.72 60.32
1.06	7.66	14.26	20.86	27.46	16	34.06	40.66	47.26	53.86 60.46
1.19	7.79	14.39	20.99	27.59	18	34.19	40.79	47.39	53.99 60.59
1.32	7.92	14.52	21.12	27.72	20	34.32	40.92	47.52	54.12 60.72
1.45	8.05	14.65	21.25	27.85	22	34.45	41.05	47.65	54.25 60.85
1.58	8.18	14.78	21.38	27.98	24	34.58	41.18	47.78	54.38 60.98
1.72	8.32	14.92	21.52	28.12	26	34.72	41.32	47.92	54.52 61.12
1.85	8.45	15.05	21.65	28.25	28	34.85	41.45	48.05	54.65 61.25
1.98	8.58	15.18	21.78	28.38	30	34.98	41.58	48.18	54.78 61.38
2.11	8.71	15.31	21.92	28.51	32	35.11	41.71	48.31	54.91 61.51
2.24	8.84	15.44	22.04	28.64	34	35.24	41.84	48.44	55.04 61.64
2.38	8.98	15.58	22.18	28.78	36	35.38	41.98	48.58	55.18 61.78
2.51	9.11	15.71	22.31	28.91	38	35.51	42.11	48.71	55.31 61.91
2.64	9.24	15.84	22.44	29.04	40	35.64	42.24	48.84	55.44 62.04
2.77	9.37	15.97	22.57	29.17	42	35.77	42.37	48.97	55.57 62.17
2.90	9.50	16.10	22.70	29.30	44	35.90	42.50	49.10	55.70 62.30
3.04	9.64	16.24	22.84	29.44	46	36.04	42.64	49.24	55.84 62.44
3.17	9.77	16.37	22.97	29.57	48	36.17	42.77	49.37	55.97 62.57
3.30	9.90	16.50	23.10	29.70	50	36.30	42.90	49.50	56.10 62.70

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.43	10.03	16.63	23.23	29.83	52	36.43	43.03	49.63	56.23 62.83
3.56	10.16	16.76	23.36	29.96	54	36.56	43.16	49.76	56.36 62.96
3.70	10.30	16.90	23.50	30.10	56	36.70	43.30	49.90	56.50 63.10
3.83	10.43	17.03	23.63	30.23	58	36.83	43.43	50.03	56.63 63.23
3.96	10.56	17.16	23.76	30.36	60	36.96	43.56	50.16	56.76 63.36
4.09	10.69	17.29	23.89	30.49	62	37.09	43.69	50.29	56.89 63.49
4.22	10.82	17.42	24.02	30.62	64	37.22	43.82	50.42	57.02 63.62
4.36	10.96	17.56	24.16	30.76	66	37.36	43.96	50.56	57.16 63.76
4.49	11.09	17.69	24.29	30.89	68	37.49	44.09	50.69	57.29 63.89
4.62	11.22	17.82	24.42	31.02	70	37.62	44.22	50.82	57.42 64.02
4.75	11.35	17.95	24.55	31.15	72	37.75	44.35	50.95	57.55 64.15
4.88	11.48	18.08	24.68	31.28	74	37.88	44.48	51.08	57.68 64.28
5.02	11.62	18.22	24.82	31.42	76	38.02	44.62	51.22	57.82 64.42
5.15	11.75	18.35	24.95	31.55	78	38.15	44.75	51.35	57.95 64.55
5.28	11.88	18.48	25.08	31.68	80	38.28	44.88	51.48	58.08 64.68
5.41	12.01	18.61	25.21	31.81	82	38.41	45.01	51.61	58.21 64.81
5.54	12.14	18.74	25.34	31.94	84	38.54	45.14	51.74	58.34 64.94
5.68	12.28	18.88	25.48	32.08	86	38.68	45.28	51.88	58.48 65.08
5.81	12.41	19.01	25.61	32.21	88	38.81	45.41	52.01	58.61 65.21
5.94	12.54	19.14	25.74	32.34	90	38.94	45.54	52.14	58.74 65.34
6.07	12.67	19.27	25.87	32.47	92	39.07	45.67	52.27	58.87 65.47
6.20	12.80	19.40	26.00	32.60	94	39.20	45.80	52.40	59.00 65.60
6.34	12.94	19.54	26.14	32.74	96	39.34	45.94	52.54	59.14 65.74
6.47	13.07	19.67	26.27	32.87	98	39.47	46.07	52.67	59.27 65.87

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
66.00	132.00	198.00	264.00		330.00	396.00	462.00	528.00	594.00
990.00	720.00	702.00	858.00	10	990.00	1056.00	1122.00	1188.00	1254.00
1320.00	1380.00	1452.00	1518.00	20	1650.00	1716.00	1782.00	1848.00	1914.00



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	6.63	13.25	19.88	26.50		33.13	39.75	46.38	53.00	59.63
.13	6.76	13.38	20.01	26.63	2	33.26	39.88	46.51	53.13	59.76
.27	6.89	13.52	20.14	26.77	4	33.39	40.02	46.64	53.27	59.89
.40	7.02	13.65	20.27	26.90	6	33.52	40.15	46.77	53.40	60.02
.53	7.16	13.78	20.41	27.03	8	33.66	40.28	46.91	53.53	60.16
.66	7.29	13.91	20.54	27.16	10	33.79	40.41	47.04	53.66	60.29
.80	7.42	14.05	20.67	27.30	12	33.92	40.55	47.17	53.80	60.42
.93	7.55	14.18	20.80	27.43	14	34.05	40.68	47.30	53.93	60.55
1.06	7.69	14.31	20.94	27.56	16	34.19	40.81	47.44	54.06	60.69
1.19	7.82	14.44	21.07	27.69	18	34.32	40.94	47.57	54.19	60.82
1.33	7.95	14.58	21.20	27.83	20	34.45	41.08	47.70	54.33	60.95
1.46	8.08	14.71	21.33	27.96	22	34.58	41.21	47.83	54.46	61.08
1.59	8.22	14.84	21.47	28.09	24	34.72	41.34	47.97	54.59	61.22
1.72	8.35	14.97	21.60	28.22	26	34.85	41.47	48.10	54.72	61.35
1.86	8.48	15.11	21.73	28.36	28	34.98	41.61	48.23	54.86	61.48
1.99	8.61	15.24	21.86	28.49	30	35.11	41.84	48.36	54.99	61.61
2.12	8.75	15.37	22.00	28.62	32	35.25	41.97	48.50	55.12	61.75
2.25	8.88	15.50	22.13	28.75	34	35.38	42.00	48.63	55.25	61.88
2.39	9.01	15.64	22.26	28.89	36	35.51	42.14	48.76	55.39	62.01
2.52	9.14	15.77	22.39	29.02	38	35.64	42.27	48.89	55.52	62.14
2.65	9.28	15.90	22.53	29.15	40	35.78	42.40	49.03	55.65	62.28
2.78	9.41	16.03	22.66	29.28	42	35.91	42.53	49.16	55.78	62.41
2.92	9.54	16.17	22.79	29.42	44	36.04	42.67	49.29	55.92	62.54
3.05	9.67	16.30	22.92	29.55	46	36.17	42.80	49.42	56.05	62.67
3.18	9.81	16.43	23.06	29.68	48	36.31	42.93	49.56	56.18	62.81
3.31	9.94	16.56	23.19	29.81	50	36.44	43.06	49.69	56.31	62.94

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.45	10.07	16.70	23.32	29.95	52	36.57	43.20	49.82	56.45	63.07
3.58	10.20	16.83	23.45	30.08	54	36.70	43.33	49.95	56.58	63.20
3.71	10.34	16.96	23.59	30.21	56	36.84	43.46	50.09	56.71	63.34
3.84	10.47	17.09	23.72	30.34	58	36.97	43.59	50.22	56.84	63.47
3.98	10.60	17.23	23.85	30.48	60	37.10	43.73	50.35	56.98	63.60
4.11	10.73	17.36	23.98	30.61	62	37.23	43.86	50.48	57.11	63.73
4.24	10.87	17.49	24.12	30.74	64	37.37	43.99	50.62	57.24	63.87
4.37	11.00	17.62	24.25	30.87	66	37.50	44.12	50.75	57.37	64.00
4.51	11.13	17.76	24.38	31.01	68	37.63	44.26	50.88	57.51	64.13
4.64	11.26	17.89	24.51	31.14	70	37.76	44.39	51.01	57.64	64.26
4.77	11.40	18.02	24.65	31.27	72	37.90	44.52	51.15	57.77	64.40
4.90	11.53	18.15	24.78	31.40	74	38.03	44.65	51.28	57.90	64.53
5.04	11.66	18.29	24.91	31.54	76	38.16	44.79	51.41	58.04	64.66
5.17	11.79	18.42	25.04	31.67	78	38.29	44.92	51.54	58.17	64.79
5.30	11.93	18.55	25.18	31.80	80	38.43	45.05	51.68	58.30	64.93
5.43	12.06	18.68	25.31	31.93	82	38.56	45.18	51.81	58.43	65.06
5.57	12.19	18.82	25.44	32.07	84	38.69	45.32	51.94	58.57	65.19
5.70	12.32	18.95	25.57	32.20	86	38.82	45.45	52.07	58.70	65.32
5.83	12.46	19.08	25.71	32.33	88	38.96	45.58	52.21	58.83	65.46
5.96	12.59	19.21	25.84	32.46	90	39.09	45.71	52.34	58.96	65.59
6.10	12.72	19.35	25.97	32.60	92	39.22	45.85	52.47	59.10	65.72
6.23	12.85	19.48	26.10	32.73	94	39.35	45.98	52.60	59.23	65.85
6.36	12.99	19.61	26.24	32.86	96	39.49	46.11	52.74	59.36	65.99
6.49	13.12	19.74	26.37	32.99	98	39.62	46.24	52.87	59.49	66.12

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
	66.25	132.50	198.75	265.00		331.25	397.50	463.75	530.00	596.25
662.50	728.75	795.00	861.25	927.50	10	993.75	1060.00	1126.25	1192.50	1258.75
1325.00	1391.25	1457.50	1523.75	1590.00	20	1656.25	1722.50	1788.75	1855.00	1921.25

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
	AMOUNT					AMOUNT			
.66	6.65	13.30	19.95	26.60		33.25	39.90	46.55	53.20
.13	6.78	13.43	20.08	26.73	2	33.38	40.03	46.68	53.33
.27	6.92	13.57	20.22	26.87	4	33.52	40.17	46.82	53.47
.40	7.05	13.70	20.35	27.00	6	33.65	40.30	46.95	53.60
.53	7.18	13.83	20.48	27.13	8	33.78	40.43	47.08	53.73
.67	7.32	13.97	20.62	27.27	10	33.92	40.57	47.22	53.87
.80	7.45	14.10	20.75	27.40	12	34.05	40.70	47.35	54.00
.93	7.58	14.23	20.88	27.53	14	34.18	40.83	47.48	54.13
1.06	7.71	14.36	21.01	27.66	16	34.31	40.96	47.61	54.26
1.20	7.85	14.50	21.15	27.80	18	34.45	41.10	47.75	54.40
1.33	7.98	14.63	21.28	27.93	20	34.58	41.23	47.88	54.53
1.46	8.11	14.76	21.41	28.06	22	34.71	41.36	48.01	54.66
1.60	8.25	14.90	21.55	28.20	24	34.85	41.50	48.15	54.80
1.73	8.38	15.03	21.68	28.33	26	34.98	41.63	48.28	54.93
1.86	8.51	15.16	21.81	28.46	28	35.11	41.76	48.41	55.06
2.00	8.65	15.30	21.95	28.60	30	35.25	41.90	48.55	55.20
2.13	8.78	15.43	22.08	28.73	32	35.38	42.03	48.68	55.33
2.26	8.91	15.56	22.21	28.86	34	35.51	42.16	48.81	55.46
2.39	9.04	15.69	22.34	28.99	36	35.64	42.29	48.94	55.59
2.53	9.18	15.83	22.48	29.13	38	35.78	42.43	49.08	55.73
2.66	9.31	15.96	22.61	29.26	40	35.91	42.56	49.21	55.86
2.79	9.44	16.09	22.74	29.39	42	36.04	42.69	49.34	55.99
2.93	9.58	16.23	22.88	29.53	44	36.18	42.83	49.48	56.13
3.06	9.71	16.36	23.01	29.66	46	36.31	42.96	49.61	56.26
3.19	9.84	16.49	23.14	29.79	48	36.44	43.09	49.74	56.39
3.33	9.98	16.63	23.28	29.93	50	36.58	43.23	49.88	56.53

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.46	10.11	16.76	23.41	30.06	52	36.71	43.36	50.01	56.66	63.31
3.59	10.24	16.89	23.54	30.19	54	36.84	43.49	50.14	56.79	63.44
3.72	10.37	17.02	23.67	30.32	56	36.97	43.62	50.27	56.92	63.57
3.86	10.51	17.16	23.81	30.46	58	37.11	43.76	50.41	57.06	63.71
3.99	10.64	17.29	23.94	30.59	60	37.24	43.89	50.54	57.19	63.84
4.12	10.77	17.42	24.07	30.72	62	37.37	44.02	50.67	57.32	63.97
4.26	10.91	17.56	24.21	30.86	64	37.51	44.16	50.81	57.46	64.11
4.39	11.04	17.69	24.34	30.99	66	37.64	44.29	50.94	57.59	64.24
4.52	11.17	17.82	24.47	31.12	68	37.77	44.42	51.07	57.72	64.37
4.66	11.31	17.96	24.61	31.26	70	37.91	44.56	51.21	57.86	64.51
4.79	11.44	18.09	24.74	31.39	72	38.04	44.69	51.34	57.99	64.64
4.92	11.57	18.22	24.87	31.52	74	38.17	44.82	51.47	58.12	64.77
5.05	11.70	18.35	25.00	31.65	76	38.30	44.95	51.60	58.25	64.90
5.19	11.84	18.49	25.14	31.79	78	38.44	45.09	51.74	58.39	65.04
5.32	11.97	18.62	25.27	31.92	80	38.57	45.22	51.87	58.52	65.17
5.45	12.10	18.75	25.40	32.05	82	38.70	45.35	52.00	58.65	65.30
5.59	12.24	18.89	25.54	32.19	84	38.84	45.49	52.14	58.79	65.44
5.72	12.37	19.02	25.67	32.32	86	38.97	45.62	52.27	58.92	65.57
5.85	12.50	19.15	25.80	32.45	88	39.10	45.75	52.40	59.05	65.70
5.99	12.64	19.29	25.94	32.59	90	39.24	45.89	52.54	59.19	65.84
6.12	12.77	19.42	26.07	32.72	92	39.37	46.02	52.67	59.32	65.97
6.25	12.90	19.55	26.20	32.85	94	39.50	46.15	52.80	59.45	66.10
6.38	13.03	19.68	26.33	32.98	96	39.63	46.28	52.93	59.58	66.23
6.52	13.17	19.82	26.47	33.12	98	39.77	46.42	53.07	59.72	66.37

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
00.50	133.00	199.50	263.00		332.50	399.00	465.50	532.00	598.50
006.00	731.50	708.00	884.50	10	997.50	1064.00	1130.50	1197.00	1263.50
1000.00	1000.50	1403.00	1529.50	20	1662.50	1729.00	1795.50	1862.00	1928.50



FEET										FEET									
100	200	300	400	500	600	700	800	900		100	200	300	400	500	600	700	800	900	
AMOUNT										AMOUNT									
6.68	13.35	20.03	26.70							33.38	40.05	46.73	53.40	60.08					
6.81	13.48	20.16	26.83	2	33.51	40.18	46.86	53.53	60.21										
6.94	13.62	20.29	26.97	4	33.64	40.32	46.99	53.67	60.34										
7.08	13.75	20.43	27.10	6	33.78	40.45	47.13	53.80	60.48										
7.21	13.88	20.56	27.23	8	33.91	40.58	47.26	53.93	60.61										
7.34	14.02	20.69	27.37	10	34.04	40.72	47.39	54.07	60.74										
7.48	14.15	20.83	27.50	12	34.18	40.85	47.53	54.20	60.88										
7.61	14.28	20.96	27.63	14	34.31	40.98	47.66	54.33	61.01										
7.74	14.42	21.09	27.77	16	34.44	41.12	47.79	54.47	61.14										
7.88	14.55	21.23	27.90	18	34.58	41.25	47.93	54.60	61.28										
8.01	14.69	21.36	28.04	20	34.71	41.39	48.06	54.74	61.41										
8.14	14.82	21.49	28.17	22	34.84	41.52	48.19	54.87	61.54										
8.28	14.95	21.63	28.30	24	34.98	41.65	48.33	55.00	61.68										
8.41	15.09	21.76	28.44	26	35.11	41.79	48.46	55.14	61.81										
8.54	15.22	21.89	28.57	28	35.24	41.92	48.59	55.27	61.94										
8.68	15.35	22.03	28.70	30	35.38	42.05	48.73	55.40	62.08										
8.81	15.49	22.16	28.84	32	35.51	42.19	48.86	55.54	62.21										
8.94	15.62	22.29	28.97	34	35.64	42.32	48.99	55.67	62.34										
9.08	15.75	22.43	29.10	36	35.78	42.45	49.13	55.80	62.48										
9.21	15.89	22.56	29.24	38	35.91	42.59	49.26	55.94	62.61										
9.35	16.02	22.70	29.37	40	36.05	42.72	49.40	56.07	62.75										
9.48	16.15	22.83	29.50	42	36.18	42.85	49.53	56.20	62.88										
9.61	16.29	22.96	29.64	44	36.31	42.99	49.66	56.34	63.01										
9.75	16.42	23.10	29.77	46	36.45	43.12	49.80	56.47	63.15										
9.88	16.55	23.23	29.90	48	36.58	43.25	49.93	56.60	63.28										
10.01	16.69	23.36	30.04	50	36.71	43.39	50.06	56.74	63.41										

100	200	300	400	500	600	700	800	900	
AMOUNT									
10.15	16.82	23.50	30.17	52	36.85	43.52	50.20	56.87	63.55
10.28	16.95	23.63	30.30	54	36.98	43.65	50.33	57.00	63.68
10.41	17.09	23.76	30.44	56	37.11	43.79	50.46	57.14	63.81
10.55	17.22	23.90	30.57	58	37.25	43.92	50.60	57.27	63.95
10.68	17.36	24.03	30.71	60	37.38	44.06	50.73	57.41	64.08
10.81	17.49	24.16	30.84	62	37.51	44.19	50.86	57.54	64.21
10.95	17.62	24.30	30.97	64	37.65	44.32	51.00	57.67	64.35
11.08	17.76	24.43	31.11	66	37.78	44.46	51.13	57.81	64.48
11.21	17.89	24.56	31.24	68	37.91	44.59	51.26	57.94	64.61
11.35	18.02	24.70	31.37	70	38.05	44.72	51.40	58.07	64.75
11.48	18.16	24.83	31.51	72	38.18	44.86	51.53	58.21	64.88
11.61	18.29	24.96	31.64	74	38.31	44.99	51.66	58.34	65.01
11.75	18.42	25.10	31.77	76	38.45	45.12	51.80	58.47	65.15
11.88	18.56	25.23	31.91	78	38.58	45.26	51.93	58.61	65.28
12.02	18.69	25.37	32.04	80	38.72	45.39	52.07	58.74	65.42
12.15	18.82	25.50	32.17	82	38.85	45.52	52.20	58.87	65.55
12.28	18.96	25.63	32.31	84	38.98	45.66	52.33	59.01	65.68
12.42	19.09	25.77	32.44	86	39.12	45.79	52.47	59.14	65.82
12.55	19.22	25.90	32.57	88	39.25	45.92	52.60	59.27	65.95
12.68	19.36	26.03	32.71	90	39.38	46.06	52.73	59.41	66.08
12.82	19.49	26.17	32.84	92	39.52	46.19	52.87	59.54	66.22
12.95	19.62	26.30	32.97	94	39.65	46.32	53.00	59.67	66.35
13.08	19.76	26.43	33.11	96	39.78	46.46	53.13	59.81	66.48
13.22	19.89	26.57	33.24	98	39.92	46.59	53.27	59.94	66.62

Above 1M.

1	2	3	4	5	6	7	8	9
AMOUNT								
66.75	133.50	200.25	267.00					
667.50	734.25	801.00	867.75	934.50	1001.25	1068.00	1134.75	1201.50
1335.00	1401.75	1468.50	1535.25	1602.00	1668.75	1735.50	1802.25	1869.00
								1935.75

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
1.13	6.70	13.40	20.10	26.80	2	33.50	40.20	46.90	53.60 60.30
1.27	6.83	13.53	20.23	26.93	4	33.63	40.33	47.03	53.73 60.43
1.40	6.97	13.67	20.37	27.07	6	33.77	40.47	47.17	53.87 60.57
1.54	7.10	13.80	20.50	27.20	8	33.90	40.60	47.30	54.00 60.70
1.67	7.24	13.94	20.64	27.34	10	34.04	40.74	47.44	54.14 60.84
1.80	7.37	14.07	20.77	27.47	12	34.17	40.87	47.57	54.27 60.97
1.94	7.50	14.20	20.90	27.60	14	34.30	41.00	47.70	54.40 61.10
2.07	7.64	14.34	21.04	27.74	16	34.44	41.14	47.84	54.54 61.24
2.21	7.77	14.47	21.17	27.87	18	34.57	41.27	47.97	54.67 61.37
2.34	7.91	14.61	21.31	28.01	20	34.71	41.41	48.11	54.81 61.51
2.47	8.04	14.74	21.44	28.14	22	34.84	41.54	48.24	54.94 61.64
2.61	8.17	14.87	21.57	28.27	24	34.97	41.67	48.37	55.07 61.77
2.74	8.31	15.01	21.71	28.41	26	35.11	41.81	48.51	55.21 61.91
2.88	8.44	15.14	21.84	28.54	28	35.24	41.94	48.64	55.34 62.04
3.01	8.58	15.28	21.98	28.68	30	35.38	42.08	48.78	55.48 62.18
3.15	8.71	15.41	22.11	28.81	32	35.51	42.21	48.91	55.61 62.31
3.28	8.84	15.54	22.24	28.94	34	35.64	42.34	49.04	55.74 62.44
3.42	8.98	15.68	22.38	29.08	36	35.78	42.48	49.18	55.88 62.58
3.55	9.11	15.81	22.51	29.21	38	35.91	42.61	49.31	56.01 62.71
3.69	9.25	15.95	22.65	29.35	40	36.05	42.75	49.45	56.15 62.85
3.82	9.38	16.08	22.78	29.48	42	36.18	42.88	49.58	56.28 62.98
3.96	9.51	16.21	22.91	29.61	44	36.31	43.01	49.71	56.41 63.11
4.09	9.65	16.35	23.05	29.75	46	36.45	43.15	49.85	56.55 63.25
4.23	9.78	16.48	23.18	29.88	48	36.58	43.28	49.98	56.68 63.38
4.36	9.92	16.62	23.32	30.02	50	36.72	43.42	50.12	56.82 63.52
4.50	3.35	10.05	16.75	23.45	30.15	52	36.85	43.55	50.25 56.95 63.65

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.48	10.18	16.88	23.58	30.28	52	36.98	43.68	50.38	57.08 63.78
3.62	10.32	17.02	23.72	30.42	54	37.12	43.82	50.52	57.22 63.92
3.75	10.45	17.15	23.85	30.55	56	37.25	43.95	50.65	57.35 64.05
3.89	10.59	17.29	23.99	30.69	58	37.39	44.09	50.79	57.49 64.19
4.02	10.72	17.42	24.12	30.82	60	37.52	44.22	50.92	57.62 64.32
4.15	10.85	17.55	24.25	30.95	62	37.65	44.35	51.05	57.75 64.45
4.29	10.99	17.69	24.39	31.09	64	37.79	44.49	51.19	57.89 64.59
4.42	11.12	17.82	24.52	31.22	66	37.92	44.62	51.32	58.02 64.72
4.56	11.26	17.96	24.66	31.36	68	38.06	44.76	51.46	58.16 64.86
4.69	11.39	18.09	24.79	31.49	70	38.19	44.89	51.59	58.29 64.99
4.82	11.52	18.22	24.92	31.62	72	38.32	45.02	51.72	58.42 65.12
4.96	11.66	18.36	25.06	31.76	74	38.46	45.16	51.86	58.56 65.26
5.09	11.79	18.49	25.19	31.89	76	38.59	45.29	51.99	58.69 65.39
5.23	11.93	18.63	25.33	32.03	78	38.73	45.43	52.13	58.83 65.53
5.36	12.06	18.76	25.46	32.16	80	38.86	45.56	52.26	58.96 65.66
5.49	12.19	18.89	25.59	32.29	82	38.99	45.69	52.39	59.09 65.79
5.63	12.33	19.03	25.73	32.43	84	39.13	45.83	52.53	59.23 65.93
5.76	12.46	19.16	25.86	32.56	86	39.26	45.96	52.66	59.36 66.06
5.90	12.60	19.30	26.00	32.70	88	39.40	46.10	52.80	59.50 66.20
6.03	12.73	19.43	26.13	32.83	90	39.53	46.23	52.93	59.63 66.33
6.16	12.86	19.56	26.26	32.96	92	39.66	46.36	53.06	59.76 66.46
6.30	13.00	19.70	26.40	33.10	94	39.80	46.50	53.20	59.90 66.60
6.43	13.13	19.83	26.53	33.23	96	39.93	46.63	53.33	60.03 66.73
6.57	13.27	19.97	26.67	33.37	98	40.07	46.77	53.47	60.17 66.87

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
67.00	134.00	201.00	268.00	10	335.00	402.00	469.00	536.00	603.00
670.00	737.00	804.00	871.00	100	1005.00	1072.00	1139.00	1206.00	1273.00
1340.00	1407.00	1474.00	1541.00	200	1675.00	1742.00	1809.00	1876.00	1943.00



FEET									
100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT				
6.73	13.45	20.18	26.90		33.63	40.35	47.08	53.80	60.53
13	6.86	13.58	20.31	27.03	2	33.76	40.48	47.21	53.93
27	6.99	13.72	20.44	27.17	4	33.89	40.62	47.34	54.07
40	7.13	13.85	20.58	27.30	6	34.03	40.75	47.48	54.20
54	7.26	13.99	20.71	27.44	8	34.16	40.89	47.61	54.34
67	7.40	14.12	20.85	27.57	10	34.30	41.02	47.75	54.47
81	7.53	14.26	20.98	27.71	12	34.43	41.16	47.88	54.61
94	7.67	14.39	21.12	27.84	14	34.57	41.29	48.02	54.74
1.08	7.80	14.53	21.25	27.98	16	34.70	41.43	48.15	54.88
1.21	7.94	14.66	21.39	28.11	18	34.84	41.56	48.29	55.01
1.35	8.07	14.80	21.52	28.25	20	34.97	41.70	48.42	55.15
1.48	8.20	14.93	21.65	28.38	22	35.10	41.83	48.55	55.28
1.61	8.34	15.06	21.79	28.51	24	35.24	41.96	48.69	55.41
1.75	8.47	15.20	21.92	28.65	26	35.37	42.10	48.82	55.55
1.88	8.61	15.33	22.06	28.78	28	35.51	42.23	48.96	55.68
2.02	8.74	15.47	22.19	28.92	30	35.64	42.37	49.09	55.82
2.15	8.88	15.60	22.33	29.05	32	35.78	42.50	49.23	55.95
2.29	9.01	15.74	22.46	29.19	34	35.91	42.64	49.36	56.09
2.42	9.15	15.87	22.60	29.32	36	36.05	42.77	49.50	56.22
2.56	9.28	16.01	22.73	29.46	38	36.18	42.91	49.63	56.36
2.69	9.42	16.14	22.87	29.59	40	36.32	43.04	49.77	56.49
2.82	9.55	16.27	23.00	29.72	42	36.45	43.17	49.90	56.62
2.96	9.68	16.41	23.13	29.86	44	36.58	43.31	50.03	56.76
3.09	9.82	16.54	23.27	29.99	46	36.72	43.44	50.17	56.89
3.23	9.95	16.68	23.40	30.13	48	36.85	43.58	50.30	57.03
3.36	10.09	16.81	23.54	30.26	50	36.99	43.71	50.44	57.16

100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.50	10.22	16.95	23.67	30.40	52	37.12	43.85	50.57	57.30
3.63	10.36	17.08	23.81	30.53	54	37.26	43.98	50.71	57.43
3.77	10.49	17.22	23.94	30.67	56	37.39	44.12	50.84	57.57
3.90	10.63	17.35	24.08	30.80	58	37.53	44.25	50.98	57.70
4.04	10.76	17.49	24.21	30.94	60	37.66	44.39	51.11	57.84
4.17	10.89	17.62	24.34	31.07	62	37.79	44.52	51.24	57.97
4.30	11.03	17.75	24.48	31.20	64	37.93	44.65	51.38	58.10
4.44	11.16	17.89	24.61	31.34	66	38.06	44.79	51.51	58.24
4.57	11.30	18.02	24.75	31.47	68	38.20	44.92	51.65	58.37
4.71	11.43	18.16	24.88	31.61	70	38.33	45.06	51.78	58.51
4.84	11.57	18.29	25.02	31.74	72	38.47	45.19	51.92	58.64
4.98	11.70	18.43	25.15	31.88	74	38.60	45.33	52.05	58.78
5.11	11.84	18.56	25.29	32.01	76	38.74	45.46	52.19	58.91
5.25	11.97	18.70	25.42	32.15	78	38.87	45.60	52.32	59.05
5.38	12.11	18.83	25.56	32.28	80	39.01	45.73	52.46	59.18
5.51	12.24	18.96	25.69	32.41	82	39.14	45.86	52.59	59.31
5.65	12.37	19.10	25.82	32.55	84	39.27	46.00	52.72	59.45
5.78	12.51	19.23	25.96	32.68	86	39.41	46.13	52.86	59.58
5.92	12.64	19.37	26.09	32.82	88	39.54	46.27	52.99	59.72
6.05	12.78	19.50	26.23	32.95	90	39.68	46.40	53.13	59.85
6.19	12.91	19.64	26.36	33.09	92	39.81	46.54	53.26	59.99
6.32	13.05	19.77	26.50	33.22	94	39.95	46.67	53.40	60.12
6.46	13.18	19.91	26.63	33.36	96	40.08	46.81	53.53	60.26
6.59	13.32	20.04	26.77	33.49	98	40.22	46.94	53.67	60.39

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
67.25	134.50	201.75	269.00		336.25	403.50	470.75	538.00	605.25
672.50	739.75	807.00	874.25	10	1008.75	1076.00	1143.25	1210.50	1277.75
1346.00	1412.25	1479.50	1546.75	20	1681.25	1748.50	1815.75	1883.00	1950.25

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\$68

\$69

\$70

\$71

\$72

\$73

\$74

\$75  
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2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
	6.75	13.50	20.25	27.00		33.75	40.50	47.25	54.00	60.75
.14	6.89	13.64	20.39	27.14	2	33.89	40.64	47.39	54.14	60.89
.27	7.02	13.77	20.52	27.27	4	34.02	40.77	47.52	54.27	61.02
.41	7.16	13.91	20.66	27.41	6	34.16	40.91	47.66	54.41	61.16
.54	7.29	14.04	20.79	27.54	8	34.29	41.04	47.79	54.54	61.29
.68	7.43	14.18	20.93	27.68	10	34.43	41.18	47.93	54.68	61.43
.81	7.56	14.31	21.06	27.81	12	34.56	41.31	48.06	54.81	61.56
.95	7.70	14.45	21.20	27.95	14	34.70	41.45	48.20	54.95	61.70
1.08	7.83	14.58	21.33	28.08	16	34.83	41.58	48.33	55.08	61.83
1.22	7.97	14.72	21.47	28.22	18	34.97	41.72	48.47	55.22	61.97
1.35	8.10	14.85	21.60	28.35	20	35.10	41.85	48.60	55.35	62.10
1.49	8.24	14.99	21.74	28.49	22	35.24	41.99	48.74	55.49	62.24
1.62	8.37	15.12	21.87	28.62	24	35.37	42.12	48.87	55.62	62.37
1.76	8.51	15.26	22.01	28.76	26	35.51	42.26	49.01	55.76	62.51
1.89	8.64	15.39	22.14	28.89	28	35.64	42.39	49.14	55.89	62.64
2.03	8.78	15.53	22.28	29.03	30	35.78	42.53	49.28	56.03	62.78
2.16	8.91	15.66	22.41	29.16	32	35.91	42.66	49.41	56.16	62.91
2.30	9.05	15.80	22.55	29.30	34	36.05	42.80	49.55	56.30	63.05
2.43	9.18	15.93	22.68	29.43	36	36.18	42.93	49.68	56.43	63.18
2.57	9.32	16.07	22.82	29.57	38	36.32	43.07	49.82	56.57	63.32
2.70	9.45	16.20	22.95	29.70	40	36.45	43.20	49.95	56.70	63.45
2.84	9.59	16.34	23.09	29.84	42	36.59	43.34	50.09	56.84	63.59
2.97	9.72	16.47	23.22	29.97	44	36.72	43.47	50.22	56.97	63.72
3.11	9.86	16.61	23.36	30.11	46	36.86	43.61	50.36	57.11	63.86
3.24	9.99	16.74	23.49	30.24	48	36.99	43.74	50.49	57.24	63.99
3.38	10.13	16.88	23.63	30.38	50	37.13	43.88	50.63	57.38	64.13

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
3.51	10.26	17.01	23.76	30.51	52	37.26	44.01	50.76	57.51	64.26
3.65	10.40	17.15	23.90	30.65	54	37.40	44.15	50.90	57.65	64.40
3.78	10.53	17.28	24.03	30.78	56	37.53	44.28	51.03	57.78	64.53
3.92	10.67	17.42	24.17	30.92	58	37.67	44.42	51.17	57.92	64.67
4.05	10.80	17.55	24.30	31.05	60	37.80	44.55	51.30	58.05	64.80
4.19	10.94	17.69	24.44	31.19	62	37.94	44.69	51.44	58.19	64.94
4.32	11.07	17.82	24.57	31.32	64	38.07	44.82	51.57	58.32	65.07
4.46	11.21	17.96	24.71	31.46	66	38.21	44.96	51.71	58.46	65.21
4.59	11.34	18.09	24.84	31.59	68	38.34	45.09	51.84	58.59	65.34
4.73	11.48	18.23	24.98	31.73	70	38.48	45.23	51.98	58.73	65.48
4.86	11.61	18.36	25.11	31.86	72	38.61	45.36	52.11	58.86	65.61
5.00	11.75	18.50	25.25	32.00	74	38.75	45.50	52.25	59.00	65.75
5.13	11.88	18.63	25.38	32.13	76	38.88	45.63	52.38	59.13	65.88
5.27	12.02	18.77	25.52	32.27	78	39.02	45.77	52.52	59.27	66.02
5.40	12.15	18.90	25.65	32.40	80	39.15	45.90	52.65	59.40	66.15
5.54	12.29	19.04	25.79	32.54	82	39.29	46.04	52.79	59.54	66.29
5.67	12.42	19.17	25.92	32.67	84	39.42	46.17	52.92	59.67	66.42
5.81	12.56	19.31	26.06	32.81	86	39.56	46.31	53.06	59.81	66.56
5.94	12.69	19.44	26.19	32.94	88	39.69	46.44	53.19	59.94	66.69
6.08	12.83	19.58	26.33	33.08	90	39.83	46.58	53.33	60.08	66.83
6.21	12.96	19.71	26.46	33.21	92	39.96	46.71	53.46	60.21	66.96
6.35	13.10	19.85	26.60	33.35	94	40.10	46.85	53.60	60.35	67.10
6.48	13.23	19.98	26.73	33.48	96	40.23	46.98	53.73	60.48	67.23
6.62	13.37	20.12	26.87	33.62	98	40.37	47.12	53.87	60.62	67.37

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
	67.50	135.00	202.50	270.00		337.50	405.00	472.50	540.00
075.00	742.50	810.00	877.50	945.00	10	1012.50	1080.00	1147.50	1215.00
1000.00	1417.50	1485.00	1552.50	1620.00	20	1687.50	1755.00	1822.50	1890.00



FEET					FEET						
2 to 98	100	200	300	400 feet	500	600	700	800	900		
AMOUNT					AMOUNT						
	6.78	13.55	20.33	27.10		33.88	40.65	47.43	54.20 60.98		
.14	6.91	13.69	20.46	27.24	2	34.01	40.79	47.56	54.34 61.11		
.27	7.05	13.82	20.60	27.37	4	34.15	40.92	47.70	54.47 61.25		
.41	7.18	13.96	20.73	27.51	6	34.28	41.06	47.83	54.61 61.38		
.54	7.32	14.09	20.87	27.64	8	34.42	41.19	47.97	54.74 61.52		
.68	7.45	14.23	21.00	27.78	10	34.55	41.33	48.10	54.88 61.65		
.81	7.59	14.36	21.14	27.91	12	34.69	41.46	48.24	55.01 61.79		
.95	7.72	14.50	21.27	28.05	14	34.82	41.60	48.37	55.15 61.92		
1.08	7.86	14.63	21.41	28.18	16	34.96	41.73	48.51	55.28 62.06		
1.22	7.99	14.77	21.54	28.32	18	35.09	41.87	48.64	55.42 62.19		
1.36	8.13	14.91	21.68	28.46	20	35.23	42.01	48.78	55.56 62.33		
1.49	8.27	15.04	21.82	28.59	22	35.37	42.14	48.92	55.69 62.47		
1.63	8.40	15.18	21.95	28.73	24	35.50	42.28	49.05	55.83 62.60		
1.76	8.54	15.31	22.09	28.86	26	35.64	42.41	49.19	55.96 62.74		
1.90	8.67	15.45	22.22	29.00	28	35.77	42.55	49.32	56.10 62.87		
2.03	8.81	15.58	22.36	29.13	30	35.91	42.68	49.46	56.23 63.01		
2.17	8.94	15.72	22.49	29.27	32	36.04	42.82	49.59	56.37 63.14		
2.30	9.08	15.85	22.63	29.40	34	36.18	42.95	49.73	56.50 63.28		
2.44	9.21	15.99	22.76	29.54	36	36.31	43.09	49.86	56.64 63.41		
2.57	9.35	16.12	22.90	29.67	38	36.45	43.22	50.00	56.77 63.55		
2.71	9.49	16.26	23.04	29.81	40	36.59	43.36	50.14	56.91 63.69		
2.85	9.62	16.40	23.17	29.95	42	36.72	43.50	50.27	57.05 63.82		
2.98	9.76	16.53	23.31	30.08	44	36.86	43.63	50.41	57.18 63.96		
3.12	9.89	16.67	23.44	30.22	46	36.99	43.77	50.54	57.32 64.09		
3.25	10.03	16.80	23.58	30.35	48	37.13	43.90	50.68	57.45 64.23		
3.39	10.16	16.94	23.71	30.49	50	37.26	44.04	50.81	57.59 64.36		

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT					AMOUNT					
3.52	10.30	17.07	23.85	30.62	52	37.40	44.17	50.95	57.72	64.50
3.66	10.43	17.21	23.98	30.76	54	37.53	44.31	51.08	57.86	64.63
3.79	10.57	17.34	24.12	30.89	56	37.67	44.44	51.22	57.99	64.77
3.93	10.70	17.48	24.25	31.03	58	37.80	44.58	51.35	58.13	64.90
4.07	10.84	17.62	24.39	31.17	60	37.94	44.72	51.49	58.27	65.04
4.20	10.98	17.75	24.53	31.30	62	38.08	44.85	51.63	58.40	65.18
4.34	11.11	17.89	24.66	31.44	64	38.21	44.99	51.76	58.54	65.31
4.47	11.25	18.02	24.80	31.57	66	38.35	45.12	51.90	58.67	65.45
4.61	11.38	18.16	24.93	31.71	68	38.48	45.26	52.03	58.81	65.58
4.74	11.52	18.29	25.07	31.84	70	38.62	45.39	52.17	58.94	65.72
4.88	11.65	18.43	25.20	31.98	72	38.75	45.53	52.30	59.08	65.85
5.01	11.79	18.56	25.34	32.11	74	38.89	45.66	52.44	59.21	65.99
5.15	11.92	18.70	25.47	32.25	76	39.02	45.80	52.57	59.35	66.12
5.28	12.06	18.83	25.61	32.38	78	39.16	45.93	52.71	59.48	66.26
5.42	12.20	18.97	25.75	32.52	80	39.30	46.07	52.85	59.62	66.40
5.56	12.33	19.11	25.88	32.66	82	39.43	46.21	52.98	59.76	66.53
5.69	12.47	19.24	26.02	32.79	84	39.57	46.34	53.12	59.89	66.67
5.83	12.60	19.38	26.15	32.93	86	39.70	46.48	53.25	60.03	66.80
5.96	12.74	19.51	26.29	33.06	88	39.84	46.61	53.39	60.16	66.94
6.10	12.87	19.65	26.42	33.20	90	39.97	46.75	53.52	60.30	67.07
6.23	13.01	19.78	26.56	33.33	92	40.11	46.88	53.66	60.43	67.21
6.37	13.14	19.92	26.69	33.47	94	40.24	47.02	53.79	60.57	67.34
6.50	13.28	20.05	26.83	33.60	96	40.38	47.15	53.93	60.70	67.48
6.64	13.41	20.19	26.96	33.74	98	40.51	47.29	54.06	60.84	67.61

Above 1M.

M FEET										M FEET									
1	2	3	4	M	5	6	7	8	9	1	2	3	4	M	5	6	7	8	9
AMOUNT										AMOUNT									
67.75	135.50	203.25	271.00		333.75	406.50	474.25	542.00	609.75	677.50	745.25	813.00	880.75	948.50	1016.25	1084.00	1151.75	1219.50	1287.25
1355.00	1422.75	1490.50	1558.25	1626.00	1693.75	1761.50	1829.25	1897.00	1964.75										

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2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
1.14	6.80	13.60	20.40	27.20		34.00	40.80	47.60	54.40	61.20
2.27	6.94	13.74	20.54	27.34	2	34.14	40.94	47.74	54.54	61.34
4.41	7.07	13.87	20.67	27.47	4	34.27	41.07	47.87	54.67	61.47
6.54	7.21	14.01	20.81	27.61	6	34.41	41.21	48.01	54.81	61.61
	7.34	14.14	20.94	27.74	8	34.54	41.34	48.14	54.94	61.74
10.68	7.48	14.28	21.08	27.88	10	34.68	41.48	48.28	55.08	61.88
12.82	7.62	14.42	21.22	28.02	12	34.82	41.62	48.42	55.22	62.02
14.95	7.75	14.55	21.35	28.15	14	34.95	41.75	48.55	55.35	62.15
16.109	7.89	14.69	21.49	28.29	16	35.09	41.89	48.69	55.49	62.29
18.122	8.02	14.82	21.62	28.42	18	35.22	42.02	48.82	55.62	62.42
20.136	8.16	14.96	21.76	28.56	20	35.36	42.16	48.96	55.76	62.56
22.150	8.30	15.10	21.90	28.70	22	35.50	42.30	49.10	55.90	62.70
24.163	8.43	15.23	22.03	28.83	24	35.63	42.43	49.23	56.03	62.83
26.177	8.57	15.37	22.17	28.97	26	35.77	42.57	49.37	56.17	62.97
28.190	8.70	15.50	22.30	29.10	28	35.90	42.70	49.50	56.30	63.10
30.204	8.84	15.64	22.44	29.24	30	36.04	42.84	49.64	56.44	63.24
32.218	8.98	15.78	22.58	29.38	32	36.18	42.98	49.78	56.58	63.38
34.231	9.11	15.91	22.71	29.51	34	36.31	43.11	49.91	56.71	63.51
36.245	9.25	16.05	22.85	29.65	36	36.45	43.25	50.05	56.85	63.65
38.258	9.38	16.18	22.98	29.78	38	36.58	43.38	50.18	56.98	63.78
40.272	9.52	16.32	23.12	29.92	40	36.72	43.52	50.32	57.12	63.92
42.286	9.66	16.46	23.26	30.06	42	36.86	43.66	50.46	57.26	64.06
44.299	9.79	16.59	23.39	30.19	44	36.99	43.79	50.59	57.39	64.19
46.313	9.93	16.73	23.53	30.33	46	37.13	43.93	50.73	57.53	64.33
48.326	10.06	16.86	23.66	30.46	48	37.26	44.06	50.86	57.66	64.46
50.340	10.20	17.00	23.80	30.60	50	37.40	44.20	51.00	57.80	64.60

2 to 98	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
52.3.54	10.34	17.14	23.94	30.74	52	37.54	44.34	51.14	57.94	64.74
54.3.67	10.47	17.27	24.07	30.87	54	37.67	44.47	51.27	58.07	64.87
56.3.81	10.61	17.41	24.21	31.01	56	37.81	44.61	51.41	58.21	65.01
58.3.94	10.74	17.54	24.34	31.14	58	37.94	44.74	51.54	58.34	65.14
60.4.08	10.88	17.68	24.48	31.28	60	38.08	44.88	51.68	58.48	65.28
62.4.22	11.02	17.82	24.62	31.42	62	38.22	45.02	51.82	58.62	65.42
64.4.35	11.15	17.95	24.75	31.55	64	38.35	45.15	51.95	58.75	65.55
66.4.49	11.29	18.09	24.89	31.69	66	38.49	45.29	52.09	58.89	65.69
68.4.62	11.42	18.22	25.02	31.82	68	38.62	45.42	52.22	59.02	65.82
70.4.76	11.56	18.36	25.16	31.96	70	38.76	45.56	52.36	59.16	65.96
72.4.90	11.70	18.50	25.30	32.10	72	38.90	45.70	52.50	59.30	66.10
74.5.03	11.83	18.63	25.43	32.23	74	39.03	45.83	52.63	59.43	66.23
76.5.17	11.97	18.77	25.57	32.37	76	39.17	45.97	52.77	59.57	66.37
78.5.30	12.10	18.90	25.70	32.50	78	39.30	46.10	52.90	59.70	66.50
80.5.44	12.24	19.04	25.84	32.64	80	39.44	46.24	53.04	59.84	66.64
82.5.58	12.38	19.18	25.98	32.78	82	39.58	46.38	53.18	59.98	66.78
84.5.71	12.51	19.31	26.11	32.91	84	39.71	46.51	53.31	60.11	66.91
86.5.85	12.65	19.45	26.25	33.05	86	39.85	46.65	53.45	60.25	67.05
88.5.98	12.78	19.58	26.38	33.18	88	39.98	46.78	53.58	60.38	67.18
90.6.12	12.92	19.72	26.52	33.32	90	40.12	46.92	53.72	60.52	67.32
92.6.26	13.06	19.86	26.66	33.46	92	40.26	47.06	53.86	60.66	67.46
94.6.39	13.19	19.99	26.79	33.59	94	40.39	47.19	53.99	60.79	67.59
96.6.53	13.33	20.13	26.93	33.73	96	40.53	47.33	54.13	60.93	67.73
98.6.66	13.46	20.26	27.06	33.86	98	40.66	47.46	54.26	61.06	67.86

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
680.00	68.00	135.00	204.00	272.00	10	340.00	408.00	476.00	544.00
680.00	718.00	816.00	884.00	952.00	10	1020.00	1088.00	1156.00	1224.00
1900.00	1428.00	1496.00	1564.00	1632.00	20	1700.00	1768.00	1836.00	1904.00
					20				1972.00



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
.14	6.83	13.65	20.48	27.30	2	34.13	40.95	47.78	54.60 61.43
.27	6.96	13.79	20.61	27.44	4	34.26	41.09	47.91	54.74 61.56
.41	7.10	13.92	20.75	27.57	6	34.40	41.22	48.05	54.87 61.70
.55	7.23	14.06	20.88	27.71	8	34.53	41.36	48.18	55.01 61.83
.68	7.37	14.20	21.02	27.85	10	34.67	41.50	48.32	55.15 61.97
.82	7.51	14.33	21.16	27.98	12	34.81	41.63	48.46	55.28 62.11
.96	7.64	14.47	21.29	28.12	14	34.94	41.77	48.59	55.42 62.24
1.09	7.78	14.61	21.43	28.26	16	35.08	41.91	48.73	55.56 62.38
1.23	7.92	14.74	21.57	28.39	18	35.22	42.04	48.87	55.69 62.52
1.37	8.05	14.88	21.70	28.53	20	35.35	42.18	49.00	55.83 62.65
1.50	8.19	15.02	21.84	28.67	22	35.49	42.32	49.14	55.97 62.79
1.64	8.33	15.15	21.98	28.80	24	35.63	42.45	49.28	56.10 62.93
1.77	8.46	15.29	22.11	28.94	26	35.76	42.59	49.41	56.24 63.06
1.91	8.60	15.42	22.25	29.07	28	35.90	42.72	49.55	56.37 63.20
2.05	8.74	15.56	22.39	29.21	30	36.04	42.86	49.69	56.51 63.34
2.18	8.87	15.70	22.52	29.35	32	36.17	43.00	49.82	56.65 63.47
2.32	9.01	15.83	22.66	29.48	34	36.31	43.13	49.96	56.78 63.61
2.46	9.15	15.97	22.80	29.62	36	36.45	43.27	50.10	56.92 63.75
2.59	9.28	16.11	22.93	29.76	38	36.58	43.41	50.23	57.06 63.88
2.73	9.42	16.24	23.07	29.89	40	36.72	43.54	50.37	57.19 64.02
2.87	9.56	16.38	23.21	30.03	42	36.86	43.68	50.51	57.33 64.16
3.00	9.69	16.52	23.34	30.17	44	36.99	43.82	50.64	57.47 64.29
3.14	9.83	16.65	23.48	30.30	46	37.13	43.95	50.78	57.60 64.43
3.28	9.96	16.79	23.61	30.44	48	37.26	44.09	50.91	57.74 64.56
3.41	10.10	16.93	23.75	30.58	50	37.40	44.23	51.05	57.88 64.70
	10.24	17.06	23.89	30.71		37.54	44.36	51.19	58.01 64.84

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.55	10.37	17.20	24.02	30.85	52	37.67	44.50	51.32	58.15 64.97
3.69	10.51	17.34	24.16	30.99	54	37.81	44.64	51.46	58.29 65.11
3.82	10.65	17.47	24.30	31.12	56	37.95	44.77	51.60	58.42 65.25
3.96	10.78	17.61	24.43	31.26	58	38.08	44.91	51.73	58.56 65.38
4.10	10.92	17.75	24.57	31.40	60	38.22	45.05	51.87	58.70 65.52
4.23	11.06	17.88	24.71	31.53	62	38.36	45.18	52.01	58.83 65.66
4.37	11.19	18.02	24.84	31.67	64	38.49	45.32	52.14	58.97 65.79
4.50	11.33	18.15	24.98	31.80	66	38.63	45.45	52.28	59.10 65.93
4.64	11.47	18.29	25.12	31.94	68	38.77	45.59	52.42	59.24 66.07
4.78	11.60	18.43	25.25	32.08	70	38.90	45.73	52.55	59.38 66.20
4.91	11.74	18.56	25.39	32.21	72	39.04	45.86	52.69	59.51 66.34
5.05	11.88	18.70	25.53	32.35	74	39.18	46.00	52.83	59.65 66.48
5.19	12.01	18.84	25.66	32.49	76	39.31	46.14	52.96	59.79 66.61
5.32	12.15	18.97	25.80	32.62	78	39.45	46.27	53.10	59.92 66.75
5.46	12.29	19.11	25.94	32.76	80	39.59	46.41	53.24	60.06 66.89
5.60	12.42	19.25	26.07	32.90	82	39.72	46.55	53.37	60.20 67.02
5.73	12.56	19.38	26.21	33.03	84	39.86	46.68	53.51	60.33 67.16
5.87	12.69	19.52	26.34	33.17	86	39.99	46.82	53.64	60.47 67.29
6.01	12.83	19.66	26.48	33.31	88	40.13	46.96	53.78	60.61 67.43
6.14	12.97	19.79	26.62	33.44	90	40.27	47.09	53.92	60.74 67.57
6.28	13.10	19.93	26.75	33.58	92	40.40	47.23	54.05	60.88 67.70
6.42	13.24	20.07	26.89	33.72	94	40.54	47.37	54.19	61.02 67.84
6.55	13.38	20.20	27.03	33.85	96	40.68	47.50	54.33	61.15 67.98
6.69	13.51	20.34	27.16	33.99	98	40.81	47.64	54.46	61.29 68.11

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
68.25	136.50	204.75	273.00	10	341.25	409.50	477.75	546.00	614.25
682.50	750.75	819.00	887.25	955.50	10	1023.75	1092.00	1160.25	1228.50
1365.00	1433.25	1501.50	1569.75	1638.00	20	1706.25	1774.50	1842.75	1911.00

1x3

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\$69

\$70

\$71

\$72

\$73

\$74

\$75  
R

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
14	6.85	13.70	20.55	27.40	10	34.25	41.10	47.95	54.80	61.65
27	6.99	13.84	20.69	27.54	2	34.39	41.24	48.09	54.94	61.79
41	7.12	13.97	20.82	27.67	4	34.52	41.37	48.22	55.07	61.92
55	7.26	14.11	20.96	27.81	6	34.66	41.51	48.36	55.21	62.06
69	7.40	14.25	21.10	27.95	8	34.80	41.65	48.50	55.35	62.20
82	7.54	14.39	21.24	28.09	10	34.94	41.79	48.64	55.49	62.34
96	7.67	14.52	21.37	28.22	12	35.07	41.92	48.77	55.62	62.47
1.10	7.81	14.66	21.51	28.36	14	35.21	42.06	48.91	55.76	62.61
1.23	7.95	14.80	21.65	28.50	16	35.35	42.20	49.05	55.90	62.75
1.37	8.08	14.93	21.78	28.63	18	35.48	42.33	49.18	56.03	62.88
1.51	8.22	15.07	21.92	28.77	20	35.62	42.47	49.32	56.17	63.02
1.64	8.36	15.21	22.06	28.91	22	35.76	42.61	49.46	56.31	63.16
1.78	8.49	15.34	22.19	29.04	24	35.89	42.74	49.59	56.44	63.29
1.92	8.63	15.48	22.33	29.18	26	36.03	42.88	49.73	56.58	63.43
2.06	8.77	15.62	22.47	29.32	28	36.17	43.02	49.87	56.72	63.57
2.19	8.91	15.76	22.61	29.46	30	36.31	43.16	50.01	56.86	63.71
2.33	9.04	15.89	22.74	29.59	32	36.44	43.29	50.14	56.99	63.84
2.47	9.18	16.03	22.88	29.73	34	36.58	43.43	50.28	57.13	63.98
2.60	9.32	16.17	23.02	29.87	36	36.72	43.57	50.42	57.27	64.12
2.74	9.45	16.30	23.15	30.00	38	36.85	43.70	50.55	57.40	64.25
2.88	9.59	16.44	23.29	30.14	40	36.99	43.84	50.69	57.54	64.39
3.01	9.73	16.58	23.43	30.28	42	37.13	43.98	50.83	57.68	64.53
3.15	9.86	16.71	23.56	30.41	44	37.26	44.11	50.96	57.81	64.66
3.29	10.00	16.85	23.70	30.55	46	37.40	44.25	51.10	57.95	64.80
3.43	10.14	16.99	23.84	30.69	48	37.54	44.39	51.24	58.09	64.94
3.56	10.28	17.13	23.98	30.83	50	37.68	44.53	51.38	58.23	65.08

2 to 98	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
3.56	10.41	17.26	24.11	30.96	52	37.81	44.66	51.51	58.36	65.21
3.70	10.55	17.40	24.25	31.10	54	37.95	44.80	51.65	58.50	65.35
3.84	10.69	17.54	24.39	31.24	56	38.09	44.94	51.79	58.64	65.49
3.97	10.82	17.67	24.52	31.37	58	38.22	45.07	51.92	58.77	65.62
4.11	10.96	17.81	24.66	31.51	60	38.36	45.21	52.06	58.91	65.76
4.25	11.10	17.95	24.80	31.65	62	38.50	45.35	52.20	59.05	65.90
4.38	11.23	18.08	24.93	31.78	64	38.63	45.48	52.33	59.18	66.03
4.52	11.37	18.22	25.07	31.92	66	38.77	45.62	52.47	59.32	66.17
4.66	11.51	18.36	25.21	32.06	68	38.91	45.76	52.61	59.46	66.31
4.80	11.65	18.50	25.35	32.20	70	39.05	45.90	52.75	59.60	66.45
4.93	11.78	18.63	25.48	32.33	72	39.18	46.03	52.88	59.73	66.58
5.07	11.92	18.77	25.62	32.47	74	39.32	46.17	53.02	59.87	66.72
5.21	12.06	18.91	25.76	32.61	76	39.46	46.31	53.16	60.01	66.86
5.34	12.19	19.04	25.89	32.74	78	39.59	46.44	53.29	60.14	66.99
5.48	12.33	19.18	26.03	32.88	80	39.73	46.58	53.43	60.28	67.13
5.62	12.47	19.32	26.17	33.02	82	39.87	46.72	53.57	60.42	67.27
5.75	12.60	19.45	26.30	33.15	84	40.00	46.85	53.70	60.55	67.40
5.89	12.74	19.59	26.44	33.29	86	40.14	46.99	53.84	60.69	67.54
6.03	12.88	19.73	26.58	33.43	88	40.28	47.13	53.98	60.83	67.68
6.17	13.02	19.87	26.72	33.57	90	40.42	47.27	54.12	60.97	67.82
6.30	13.15	20.00	26.85	33.70	92	40.55	47.40	54.25	61.10	67.95
6.44	13.29	20.14	26.99	33.84	94	40.69	47.54	54.39	61.24	68.09
6.58	13.43	20.28	27.13	33.98	96	40.83	47.68	54.53	61.38	68.23
6.71	13.56	20.41	27.26	34.11	98	40.96	47.81	54.66	61.51	68.36

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
685.00	1370.00	2055.00	2740.00	10	342.50	411.00	479.50	548.00	616.50
753.00	1488.50	2200.00	2890.50	20	1027.50	1096.00	1164.50	1233.00	1301.50
1370.00	1488.50	1507.00	1575.50	20	1712.50	1781.00	1849.50	1918.00	1986.50



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
6.88	13.75	20.63	27.50	34.38	41.25	48.13	55.00	61.88	
7.01	13.89	20.76	27.64	34.51	41.39	48.26	55.14	62.01	
7.15	14.03	20.90	27.78	34.65	41.53	48.40	55.28	62.15	
7.29	14.16	21.04	27.91	34.79	41.66	48.54	55.41	62.29	
7.43	14.30	21.18	28.05	34.93	41.80	48.68	55.55	62.43	
7.56	14.44	21.31	28.19	35.06	41.94	48.81	55.69	62.56	
7.70	14.58	21.45	28.33	35.20	42.08	48.95	55.83	62.70	
7.84	14.71	21.59	28.46	35.34	42.21	49.09	55.96	62.84	
7.98	14.85	21.73	28.60	35.48	42.35	49.23	56.10	62.98	
8.11	14.99	21.86	28.74	35.61	42.49	49.36	56.24	63.11	
8.25	15.13	22.00	28.88	35.75	42.63	49.50	56.38	63.25	
8.39	15.26	22.14	29.01	35.89	42.76	49.64	56.51	63.39	
8.53	15.40	22.28	29.15	36.03	42.90	49.78	56.65	63.53	
8.66	15.54	22.41	29.29	36.16	43.04	49.91	56.79	63.66	
8.80	15.68	22.55	29.43	36.30	43.18	50.05	56.93	63.80	
8.94	15.81	22.69	29.56	36.44	43.31	50.19	57.06	63.94	
9.08	15.95	22.83	29.70	36.58	43.45	50.33	57.20	64.08	
9.21	16.09	22.96	29.84	36.71	43.59	50.46	57.34	64.21	
9.35	16.23	23.10	29.98	36.85	43.73	50.60	57.48	64.35	
9.49	16.36	23.24	30.11	36.99	43.86	50.74	57.61	64.49	
9.63	16.50	23.38	30.25	37.13	44.00	50.88	57.75	64.63	
9.76	16.64	23.51	30.39	37.26	44.14	51.01	57.89	64.76	
9.90	16.78	23.65	30.53	37.40	44.28	51.15	58.03	64.90	
10.04	16.91	23.79	30.66	37.54	44.41	51.29	58.16	65.04	
10.18	17.05	23.93	30.80	37.68	44.55	51.43	58.30	65.18	
10.31	17.19	24.06	30.94	37.81	44.69	51.56	58.44	65.31	

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
10.45	17.33	24.20	31.08	37.95	44.83	51.70	58.58	65.45	
10.59	17.46	24.34	31.21	38.09	44.96	51.84	58.71	65.59	
10.73	17.60	24.48	31.35	38.23	45.10	51.98	58.85	65.73	
10.86	17.74	24.61	31.49	38.36	45.24	52.11	58.99	65.86	
11.00	17.88	24.75	31.63	38.50	45.38	52.25	59.13	66.00	
11.14	18.01	24.89	31.76	38.64	45.51	52.39	59.26	66.14	
11.28	18.15	25.03	31.90	38.78	45.65	52.53	59.40	66.28	
11.41	18.29	25.16	32.04	38.91	45.79	52.66	59.54	66.41	
11.55	18.43	25.30	32.18	39.05	45.93	52.80	59.68	66.55	
11.69	18.56	25.44	32.31	39.19	46.06	52.94	59.81	66.69	
11.83	18.70	25.58	32.45	39.33	46.20	53.08	59.95	66.83	
11.96	18.84	25.71	32.59	39.46	46.34	53.21	60.09	66.96	
12.10	18.98	25.85	32.73	39.60	46.48	53.35	60.23	67.10	
12.24	19.11	25.99	32.86	39.74	46.61	53.49	60.36	67.24	
12.38	19.25	26.13	33.00	39.88	46.75	53.63	60.50	67.38	
12.51	19.39	26.26	33.14	40.01	46.89	53.76	60.64	67.51	
12.65	19.53	26.40	33.28	40.15	47.03	53.90	60.78	67.65	
12.79	19.66	26.54	33.41	40.29	47.16	54.04	60.91	67.79	
12.93	19.80	26.68	33.55	40.43	47.30	54.18	61.05	67.93	
13.06	19.94	26.81	33.69	40.56	47.44	54.31	61.19	68.06	
13.20	20.08	26.95	33.83	40.70	47.58	54.45	61.33	68.20	
13.34	20.21	27.09	33.96	40.84	47.71	54.59	61.46	68.34	
13.48	20.35	27.23	34.10	40.98	47.85	54.73	61.60	68.48	
13.61	20.49	27.36	34.24	41.11	47.99	54.86	61.74	68.61	

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
68.75	137.50	206.25	275.00	343.75	412.50	481.25	550.00	618.75	
687.50	756.25	825.00	893.75	962.50	1031.25	1100.00	1168.75	1237.50	
1375.00	1443.75	1512.50	1581.25	1650.00	1718.75	1787.50	1856.25	1925.00	

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
6.90	13.80	20.70	27.60	34.50	41.40	48.30	55.20	62.10	
1.14	7.04	13.94	20.84	27.74	34.64	41.54	48.44	55.34	62.24
2.28	7.18	14.08	20.98	27.88	34.78	41.68	48.58	55.48	62.38
3.41	7.31	14.21	21.11	28.01	34.91	41.81	48.71	55.61	62.51
4.55	7.45	14.35	21.25	28.15	35.05	41.95	48.85	55.75	62.65
5.69	7.59	14.49	21.39	28.29	35.19	42.09	48.99	55.89	62.79
6.83	7.73	14.63	21.53	28.43	35.33	42.23	49.13	56.03	62.93
7.97	7.87	14.77	21.67	28.57	35.47	42.37	49.27	56.17	63.07
9.10	8.00	14.90	21.80	28.70	35.60	42.50	49.40	56.30	63.20
1.24	8.14	15.04	21.94	28.84	35.74	42.64	49.54	56.44	63.34
1.38	8.28	15.18	22.08	28.98	35.88	42.78	49.68	56.58	63.48
1.52	8.42	15.32	22.22	29.12	36.02	42.92	49.82	56.72	63.62
1.66	8.56	15.46	22.36	29.26	36.16	43.06	49.96	56.86	63.76
1.79	8.69	15.59	22.49	29.39	36.29	43.19	50.09	56.99	63.89
1.93	8.83	15.73	22.63	29.53	36.43	43.33	50.23	57.13	64.03
2.07	8.97	15.87	22.77	29.67	36.57	43.47	50.37	57.27	64.17
2.21	9.11	16.01	22.91	29.81	36.71	43.61	50.51	57.41	64.31
2.35	9.25	16.15	23.05	29.95	36.85	43.75	50.65	57.55	64.45
2.48	9.38	16.28	23.18	30.08	36.98	43.88	50.78	57.68	64.58
2.62	9.52	16.42	23.32	30.22	37.12	44.02	50.92	57.82	64.72
2.76	9.66	16.56	23.46	30.36	37.26	44.16	51.06	57.96	64.86
2.90	9.80	16.70	23.60	30.50	37.40	44.30	51.20	58.10	65.00
3.04	9.94	16.84	23.74	30.64	37.54	44.44	51.34	58.24	65.14
3.17	10.07	16.97	23.87	30.77	37.67	44.57	51.47	58.37	65.27
3.31	10.21	17.11	24.01	30.91	37.81	44.71	51.61	58.51	65.41
3.45	10.35	17.25	24.15	31.05	37.95	44.85	51.75	58.65	65.55

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.59	10.49	17.39	24.29	31.19	52	38.09	44.99	51.89	58.79
3.73	10.63	17.53	24.43	31.33	54	38.23	45.13	52.03	58.93
3.86	10.76	17.66	24.56	31.46	56	38.36	45.26	52.16	59.06
4.00	10.90	17.80	24.70	31.60	58	38.50	45.40	52.30	59.20
4.14	11.04	17.94	24.84	31.74	60	38.64	45.54	52.44	59.34
4.28	11.18	18.08	24.98	31.88	62	38.78	45.68	52.58	59.48
4.42	11.32	18.22	25.12	32.02	64	38.92	45.82	52.72	59.62
4.55	11.45	18.35	25.25	32.15	66	39.05	45.95	52.85	59.75
4.69	11.59	18.49	25.39	32.29	68	39.19	46.09	52.99	59.89
4.83	11.73	18.63	25.53	32.43	70	39.33	46.23	53.13	60.03
4.97	11.87	18.77	25.67	32.57	72	39.47	46.37	53.27	60.17
5.11	12.01	18.91	25.81	32.71	74	39.61	46.51	53.41	60.31
5.24	12.14	19.04	25.94	32.84	76	39.74	46.64	53.54	60.44
5.38	12.28	19.18	26.08	32.98	78	39.88	46.78	53.68	60.58
5.52	12.42	19.32	26.22	33.12	80	40.02	46.92	53.82	60.72
5.66	12.56	19.46	26.36	33.26	82	40.16	47.06	53.96	60.86
5.80	12.70	19.60	26.50	33.40	84	40.30	47.20	54.10	61.00
5.93	12.83	19.73	26.63	33.53	86	40.43	47.33	54.23	61.13
6.07	12.97	19.87	26.77	33.67	88	40.57	47.47	54.37	61.27
6.21	13.11	20.01	26.91	33.81	90	40.71	47.61	54.51	61.41
6.35	13.25	20.15	27.05	33.95	92	40.85	47.75	54.65	61.55
6.49	13.39	20.29	27.19	34.09	94	40.99	47.89	54.79	61.69
6.62	13.52	20.42	27.32	34.22	96	41.12	48.02	54.92	61.82
6.76	13.66	20.56	27.46	34.36	98	41.26	48.16	55.06	61.96

Above 1 M.

M FEET					M FEET				
1	2	3	4	5	6	7	8	9	
AMOUNT					AMOUNT				
69.00	138.00	207.00	276.00	345.00	414.00	483.00	552.00	621.00	
690.00	1380.00	2070.00	2760.00	3450.00	4140.00	4830.00	5520.00	6210.00	
1380.00	2760.00	4140.00	5520.00	6900.00	8280.00	9660.00	11040.00	12420.00	13800.00



FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
6.93	13.85	20.78	27.70		34.63	41.55	48.48	55.40	62.33
7.14	14.06	21.00	28.01	27.84	2	34.76	41.69	48.61	55.54
7.28	14.13	21.05	27.98		4	34.90	41.83	48.75	55.68
7.42	14.27	21.19	28.12		6	35.04	41.97	48.89	55.82
7.55	14.40	21.33	28.25		8	35.18	42.10	49.03	55.95
7.69	14.54	21.47	28.39		10	35.32	42.24	49.17	56.09
7.83	14.68	21.61	28.53		12	35.46	42.38	49.31	56.23
7.97	14.82	21.74	28.67		14	35.59	42.52	49.44	56.37
8.11	14.96	21.88	28.81		16	35.73	42.66	49.58	56.51
8.25	15.10	22.02	28.95		18	35.87	42.80	49.72	56.65
8.39	15.24	22.16	29.09		20	36.01	42.94	49.86	56.79
8.52	15.37	22.30	29.22		22	36.15	43.07	50.00	56.92
8.66	15.51	22.44	29.36		24	36.29	43.21	50.14	57.06
8.80	15.65	22.58	29.50		26	36.43	43.35	50.28	57.20
8.94	15.79	22.71	29.64		28	36.56	43.49	50.41	57.34
9.08	15.93	22.85	29.78		30	36.70	43.63	50.55	57.48
9.22	16.07	22.99	29.92		32	36.84	43.77	50.69	57.62
9.35	16.20	23.13	30.05		34	36.98	43.90	50.83	57.75
9.49	16.34	23.27	30.19		36	37.12	44.04	50.97	57.89
9.63	16.48	23.41	30.33		38	37.26	44.18	51.11	58.03
9.77	16.62	23.55	30.47		40	37.40	44.32	51.25	58.17
9.91	16.76	23.68	30.61		42	37.53	44.46	51.38	58.31
10.05	16.90	23.82	30.75		44	37.67	44.60	51.52	58.45
10.19	17.04	23.96	30.89		46	37.81	44.74	51.66	58.59
10.32	17.17	24.10	31.02		48	37.95	44.87	51.80	58.72
10.46	17.31	24.24	31.16		50	38.09	45.01	51.94	58.86

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.60	10.53	17.45	24.38	31.30	52	38.23	45.15	52.08	59.00
3.74	10.66	17.59	24.51	31.44	54	38.36	45.29	52.21	59.14
3.88	10.80	17.73	24.65	31.58	56	38.50	45.43	52.35	59.28
4.02	10.94	17.87	24.79	31.72	58	38.64	45.57	52.49	59.42
4.16	11.08	18.01	24.93	31.86	60	38.78	45.71	52.63	59.56
4.29	11.22	18.14	25.07	31.99	62	38.92	45.84	52.77	59.69
4.43	11.36	18.28	25.21	32.13	64	39.06	45.98	52.91	59.83
4.57	11.50	18.42	25.35	32.27	66	39.20	46.12	53.05	59.97
4.71	11.63	18.56	25.48	32.41	68	39.33	46.26	53.18	60.11
4.85	11.77	18.70	25.62	32.55	70	39.47	46.40	53.32	60.25
4.99	11.91	18.84	25.76	32.69	72	39.61	46.54	53.46	60.39
5.12	12.05	18.97	25.90	32.82	74	39.75	46.67	53.60	60.52
5.26	12.19	19.11	26.04	32.96	76	39.89	46.81	53.74	60.66
5.40	12.33	19.25	26.18	33.10	78	40.03	46.95	53.88	60.80
5.54	12.47	19.39	26.32	33.24	80	40.17	47.09	54.02	60.94
5.68	12.60	19.53	26.45	33.38	82	40.30	47.23	54.15	61.08
5.82	12.74	19.67	26.59	33.52	84	40.44	47.37	54.29	61.22
5.96	12.88	19.81	26.73	33.66	86	40.58	47.51	54.43	61.36
6.09	13.02	19.94	26.87	33.79	88	40.72	47.64	54.57	61.49
6.23	13.16	20.08	27.01	33.93	90	40.86	47.78	54.71	61.63
6.37	13.30	20.22	27.15	34.07	92	41.00	47.92	54.85	61.77
6.51	13.43	20.36	27.28	34.21	94	41.13	48.06	54.98	61.91
6.65	13.57	20.50	27.42	34.35	96	41.27	48.20	55.12	62.05
6.79	13.71	20.64	27.56	34.49	98	41.41	48.34	55.26	62.19

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
69.25	138.50	207.75	277.00		346.25	415.50	484.75	554.00	623.25
692.50	761.75	831.00	900.25	969.50	1038.75	1108.00	1177.25	1246.50	1315.75
1385.00	1454.25	1523.50	1592.75	1662.00	1731.25	1800.50	1869.75	1939.00	2008.25

\$69

\$70

\$71

\$72

\$73

\$74

\$75

R

F E E T					F E E T				
2 to 98	100	200	300	400 feet	500	600	700	800	900
A M O U N T					A M O U N T				
6.95	13.90	20.85	27.80	1	34.75	41.70	48.65	55.60	62.55
7.09	14.04	20.99	27.94	2	34.89	41.84	48.79	55.74	62.69
7.23	14.18	21.13	28.08	3	35.03	41.98	48.93	55.88	62.83
7.37	14.32	21.27	28.22	4	35.17	42.12	49.07	56.02	62.97
7.51	14.46	21.41	28.36	5	35.31	42.26	49.21	56.16	63.11
7.65	14.60	21.55	28.50	6	35.45	42.40	49.35	56.30	63.25
7.78	14.73	21.68	28.63	7	35.58	42.53	49.48	56.43	63.38
7.92	14.87	21.82	28.77	8	35.72	42.67	49.62	56.57	63.52
8.06	15.01	21.96	28.91	9	35.86	42.81	49.76	56.71	63.66
8.20	15.15	22.10	29.05	10	36.00	42.95	49.90	56.85	63.80
8.34	15.29	22.24	29.19	11	36.14	43.09	50.04	56.99	63.94
8.48	15.43	22.38	29.33	12	36.28	43.23	50.18	57.13	64.08
8.62	15.57	22.52	29.47	13	36.42	43.37	50.32	57.27	64.22
8.76	15.71	22.66	29.61	14	36.56	43.51	50.46	57.41	64.36
8.90	15.85	22.80	29.75	15	36.70	43.65	50.60	57.55	64.50
9.04	15.99	22.94	29.89	16	36.84	43.79	50.74	57.69	64.64
9.17	16.12	23.07	30.02	17	36.97	43.92	50.87	57.82	64.77
9.31	16.26	23.21	30.16	18	37.11	44.06	51.01	57.96	64.91
9.45	16.40	23.35	30.30	19	37.25	44.20	51.15	58.10	65.05
9.59	16.54	23.49	30.44	20	37.39	44.34	51.29	58.24	65.19
9.73	16.68	23.63	30.58	21	37.53	44.48	51.43	58.38	65.33
9.87	16.82	23.77	30.72	22	37.67	44.62	51.57	58.52	65.47
10.01	16.96	23.91	30.86	23	37.81	44.76	51.71	58.66	65.61
10.15	17.10	24.05	31.00	24	37.95	44.90	51.85	58.80	65.75
10.29	17.24	24.19	31.14	25	38.09	45.04	51.99	58.94	65.89
10.43	17.38	24.33	31.28	26	38.23	45.18	52.13	59.08	66.03

2 to 98	100	200	300	400 feet	500	600	700	800	900
A M O U N T					A M O U N T				
3.61	10.56	17.51	24.46	31.41	52	38.36	45.31	52.26	59.21
3.75	10.70	17.65	24.60	31.55	53	38.50	45.45	52.40	59.35
3.89	10.84	17.79	24.74	31.69	54	38.64	45.59	52.54	59.49
4.03	10.98	17.93	24.88	31.83	55	38.78	45.73	52.68	59.63
4.17	11.12	18.07	25.02	31.97	56	38.92	45.87	52.82	59.77
4.31	11.26	18.21	25.16	32.11	57	39.06	46.01	52.96	59.91
4.45	11.40	18.35	25.30	32.25	58	39.20	46.15	53.10	60.05
4.59	11.54	18.49	25.44	32.39	59	39.34	46.29	53.24	60.19
4.73	11.68	18.63	25.58	32.53	60	39.48	46.43	53.38	60.33
4.87	11.82	18.77	25.72	32.67	61	39.62	46.57	53.52	60.47
5.00	11.95	18.90	25.85	32.80	62	39.75	46.70	53.65	60.60
5.14	12.09	19.04	25.99	32.94	63	39.89	46.84	53.79	60.74
5.28	12.23	19.18	26.13	33.08	64	40.03	46.98	53.93	60.88
5.42	12.37	19.32	26.27	33.22	65	40.17	47.12	54.07	61.02
5.56	12.51	19.46	26.41	33.36	66	40.31	47.26	54.21	61.16
5.70	12.65	19.60	26.55	33.50	67	40.45	47.40	54.35	61.30
5.84	12.79	19.74	26.69	33.64	68	40.59	47.54	54.49	61.44
5.98	12.93	19.88	26.83	33.78	69	40.73	47.68	54.63	61.58
6.12	13.07	20.02	26.97	33.92	70	40.87	47.82	54.77	61.72
6.26	13.21	20.16	27.11	34.06	71	41.01	47.96	54.91	61.86
6.39	13.34	20.29	27.24	34.19	72	41.14	48.09	55.04	61.99
6.53	13.48	20.43	27.38	34.33	73	41.28	48.23	55.18	62.13
6.67	13.62	20.57	27.52	34.47	74	41.42	48.37	55.32	62.27
6.81	13.76	20.71	27.66	34.61	75	41.56	48.51	55.46	62.41

Above 1 M.

M F E E T					M F E E T				
1	2	3	4	5	6	7	8	9	
A M O U N T					A M O U N T				
69.50	139.00	208.50	278.00	1	347.50	417.00	486.50	556.00	625.50
895.00	764.50	894.00	903.50	973.00	10	1042.50	1112.00	1181.50	1251.00
1460.00	1459.50	1529.00	1598.50	1668.00	20	1737.50	1807.00	1876.50	1946.00



\$6.97½ Per 100

\$69.75 Per M.

259

FEET									
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
6.98	13.95	20.93	27.90	34.88	41.85	48.83	55.80	62.78	
14	7.11	14.09	21.08	28.04	35.01	41.99	48.96	55.94	62.91
28	7.25	14.23	21.20	28.18	35.15	42.13	49.10	56.08	63.05
42	7.39	14.37	21.34	28.32	35.29	42.27	49.24	56.22	63.19
56	7.53	14.51	21.48	28.46	35.43	42.41	49.38	56.36	63.33
70	7.67	14.65	21.62	28.60	35.57	42.55	49.52	56.50	63.47
84	7.81	14.79	21.76	28.74	35.71	42.69	49.66	56.64	63.61
98	7.95	14.93	21.90	28.88	35.85	42.83	49.80	56.78	63.75
112	8.09	15.07	22.04	29.02	35.99	42.97	49.94	56.92	63.89
126	8.23	15.21	22.18	29.16	36.13	43.11	50.08	57.06	64.03
140	8.37	15.35	22.32	29.30	36.27	43.25	50.22	57.20	64.17
153	8.51	15.48	22.46	29.43	36.41	43.38	50.36	57.33	64.31
167	8.65	15.62	22.60	29.57	36.55	43.52	50.50	57.47	64.45
181	8.79	15.76	22.74	29.71	36.69	43.66	50.64	57.61	64.59
195	8.93	15.90	22.88	29.85	36.83	43.80	50.78	57.75	64.73
209	9.07	16.04	23.02	29.99	36.97	43.94	50.92	57.89	64.87
223	9.21	16.18	23.16	30.13	37.11	44.08	51.06	58.03	65.01
237	9.35	16.32	23.30	30.27	37.25	44.22	51.20	58.17	65.15
251	9.49	16.46	23.44	30.41	37.39	44.36	51.34	58.31	65.29
265	9.63	16.60	23.58	30.55	37.53	44.50	51.48	58.45	65.43
279	9.77	16.74	23.72	30.69	37.67	44.64	51.62	58.59	65.57
293	9.90	16.88	23.85	30.83	37.80	44.78	51.75	58.73	65.70
307	10.04	17.02	23.99	30.97	37.94	44.92	51.89	58.87	65.84
321	10.18	17.16	24.13	31.11	38.08	45.06	52.03	59.01	65.98
335	10.32	17.30	24.27	31.25	38.22	45.20	52.17	59.15	66.12
349	10.46	17.44	24.41	31.39	38.36	45.34	52.31	59.29	66.26

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
3.63	10.60	17.58	24.55	31.53	38.50	45.48	52.45	59.43	66.40
3.77	10.74	17.72	24.69	31.67	38.64	45.62	52.59	59.57	66.54
3.91	10.88	17.86	24.83	31.81	38.78	45.76	52.73	59.71	66.68
4.05	11.02	18.00	24.97	31.95	38.92	45.90	52.87	59.85	66.82
4.19	11.16	18.14	25.11	32.09	39.06	46.04	53.01	59.99	66.96
4.32	11.30	18.27	25.25	32.22	39.20	46.17	53.15	60.12	67.10
4.46	11.44	18.41	25.39	32.36	39.34	46.31	53.29	60.26	67.24
4.60	11.58	18.55	25.53	32.50	39.48	46.45	53.43	60.40	67.38
4.74	11.72	18.69	25.67	32.64	39.62	46.59	53.57	60.54	67.52
4.88	11.86	18.83	25.81	32.78	39.76	46.73	53.71	60.68	67.66
5.02	12.00	18.97	25.95	32.92	39.90	46.87	53.85	60.82	67.80
5.16	12.14	19.11	26.09	33.06	40.04	47.01	53.99	60.96	67.94
5.30	12.28	19.25	26.23	33.20	40.18	47.15	54.13	61.10	68.08
5.44	12.42	19.39	26.37	33.34	40.32	47.29	54.27	61.24	68.22
5.58	12.56	19.53	26.51	33.48	40.46	47.43	54.41	61.38	68.36
5.72	12.69	19.67	26.64	33.62	40.59	47.57	54.54	61.52	68.49
5.86	12.83	19.81	26.78	33.76	40.73	47.71	54.68	61.66	68.63
6.00	12.97	19.95	26.92	33.90	40.87	47.85	54.82	61.80	68.77
6.14	13.11	20.09	27.06	34.04	41.01	47.99	54.96	61.94	68.91
6.28	13.25	20.23	27.20	34.18	41.15	48.13	55.10	62.08	69.05
6.42	13.39	20.37	27.34	34.32	41.29	48.27	55.24	62.22	69.19
6.56	13.53	20.51	27.48	34.46	41.43	48.41	55.38	62.36	69.33
6.70	13.67	20.65	27.62	34.60	41.57	48.55	55.52	62.50	69.47
6.84	13.81	20.79	27.76	34.74	41.71	48.69	55.66	62.64	69.61

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
69.75	139.50	209.25	279.00	348.75	418.50	488.25	558.00	627.75	
697.50	767.25	837.00	906.75	976.50	1046.25	1116.00	1185.75	1255.50	1325.25
1395.00	1464.75	1534.50	1604.25	1674.00	1743.75	1813.50	1883.25	1953.00	2022.75

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\$73

\$74

\$75  
R

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
	7.00	14.00	21.00	28.00		35.00	42.00	49.00	56.00	63.00
.14	7.14	14.14	21.14	28.14	2	35.14	42.14	49.14	56.14	63.14
.28	7.28	14.28	21.28	28.28	4	35.28	42.28	49.28	56.28	63.28
.42	7.42	14.42	21.42	28.42	6	35.42	42.42	49.42	56.42	63.42
.56	7.56	14.56	21.56	28.56	8	35.56	42.56	49.56	56.56	63.56
.70	7.70	14.70	21.70	28.70	10	35.70	42.70	49.70	56.70	63.70
.84	7.84	14.84	21.84	28.84	12	35.84	42.84	49.84	56.84	63.84
.98	7.98	14.98	21.98	28.98	14	35.98	42.98	49.98	56.98	63.98
1.12	8.12	15.12	22.12	29.12	16	36.12	43.12	50.12	57.12	64.12
1.26	8.26	15.26	22.26	29.26	18	36.26	43.26	50.26	57.26	64.26
1.40	8.40	15.40	22.40	29.40	20	36.40	43.40	50.40	57.40	64.40
1.54	8.54	15.54	22.54	29.54	22	36.54	43.54	50.54	57.54	64.54
1.68	8.68	15.68	22.68	29.68	24	36.68	43.68	50.68	57.68	64.68
1.82	8.82	15.82	22.82	29.82	26	36.82	43.82	50.82	57.82	64.82
1.96	8.96	15.96	22.96	29.96	28	36.96	43.96	50.96	57.96	64.96
2.10	9.10	16.10	23.10	30.10	30	37.10	44.10	51.10	58.10	65.10
2.24	9.24	16.24	23.24	30.24	32	37.24	44.24	51.24	58.24	65.24
2.38	9.38	16.38	23.38	30.38	34	37.38	44.38	51.38	58.38	65.38
2.52	9.52	16.52	23.52	30.52	36	37.52	44.52	51.52	58.52	65.52
2.66	9.66	16.66	23.66	30.66	38	37.66	44.66	51.66	58.66	65.66
2.80	9.80	16.80	23.80	30.80	40	37.80	44.80	51.80	58.80	65.80
2.94	9.94	16.94	23.94	30.94	42	37.94	44.94	51.94	58.94	65.94
3.08	10.08	17.08	24.08	31.08	44	38.08	45.08	52.08	59.08	66.08
3.22	10.22	17.22	24.22	31.22	46	38.22	45.22	52.22	59.22	66.22
3.36	10.36	17.36	24.36	31.36	48	38.36	45.36	52.36	59.36	66.36
3.50	10.50	17.50	24.50	31.50	50	38.50	45.50	52.50	59.50	66.50

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.64	10.64	17.64	24.64	31.64	52	38.64	45.64	52.64	59.64	66.64
3.78	10.78	17.78	24.78	31.78	54	38.78	45.78	52.78	59.78	66.78
3.92	10.92	17.92	24.92	31.92	56	38.92	45.92	52.92	59.92	66.92
4.06	11.06	18.06	25.06	32.06	58	39.06	46.06	53.06	60.06	67.06
4.20	11.20	18.20	25.20	32.20	60	39.20	46.20	53.20	60.20	67.20
4.34	11.34	18.34	25.34	32.34	62	39.34	46.34	53.34	60.34	67.34
4.48	11.48	18.48	25.48	32.48	64	39.48	46.48	53.48	60.48	67.48
4.62	11.62	18.62	25.62	32.62	66	39.62	46.62	53.62	60.62	67.62
4.76	11.76	18.76	25.76	32.76	68	39.76	46.76	53.76	60.76	67.76
4.90	11.90	18.90	25.90	32.90	70	39.90	46.90	53.90	60.90	67.90
5.04	12.04	19.04	26.04	33.04	72	40.04	47.04	54.04	61.04	68.04
5.18	12.18	19.18	26.18	33.18	74	40.18	47.18	54.18	61.18	68.18
5.32	12.32	19.32	26.32	33.32	76	40.32	47.32	54.32	61.32	68.32
5.46	12.46	19.46	26.46	33.46	78	40.46	47.46	54.46	61.46	68.46
5.60	12.60	19.60	26.60	33.60	80	40.60	47.60	54.60	61.60	68.60
5.74	12.74	19.74	26.74	33.74	82	40.74	47.74	54.74	61.74	68.74
5.88	12.88	19.88	26.88	33.88	84	40.88	47.88	54.88	61.88	68.88
6.02	13.02	20.02	27.02	34.02	86	41.02	48.02	55.02	62.02	69.02
6.16	13.16	20.16	27.16	34.16	88	41.16	48.16	55.16	62.16	69.16
6.30	13.30	20.30	27.30	34.30	90	41.30	48.30	55.30	62.30	69.30
6.44	13.44	20.44	27.44	34.44	92	41.44	48.44	55.44	62.44	69.44
6.58	13.58	20.58	27.58	34.58	94	41.58	48.58	55.58	62.58	69.58
6.72	13.72	20.72	27.72	34.72	96	41.72	48.72	55.72	62.72	69.72
6.86	13.86	20.86	27.86	34.86	98	41.86	48.86	55.86	62.86	69.86

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
70.00	140.00	210.00	280.00		350.00	420.00	490.00	560.00	630.00
700.00	770.00	840.00	910.00	10	1050.00	1120.00	1190.00	1260.00	1330.00
1400.00	1470.00	1540.00	1610.00	20	1750.00	1820.00	1890.00	1960.00	2030.00



FEET									
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.03	14.05	21.08	28.10	35.13	42.15	49.18	56.20	63.23	
14	7.17	14.19	21.22	28.24	2	35.27	42.29	49.32	56.34 63.37
28	7.31	14.33	21.36	28.38	4	35.41	42.43	49.46	56.48 63.51
42	7.45	14.47	21.50	28.52	6	35.55	42.57	49.60	56.62 63.65
56	7.59	14.61	21.64	28.66	8	35.69	42.71	49.74	56.76 63.79
70	7.73	14.75	21.78	28.80	10	35.83	42.85	49.88	56.90 63.93
84	7.87	14.89	21.92	28.94	12	35.97	42.99	50.02	57.04 64.07
98	8.01	15.03	22.06	29.08	14	36.11	43.13	50.16	57.18 64.21
1.12	8.15	15.17	22.20	29.22	16	36.25	43.27	50.30	57.32 64.35
1.26	8.29	15.31	22.34	29.36	18	36.39	43.41	50.44	57.46 64.49
1.41	8.43	15.46	22.48	29.51	20	36.53	43.56	50.58	57.61 64.63
1.55	8.57	15.60	22.62	29.65	22	36.67	43.70	50.72	57.75 64.77
1.69	8.71	15.74	22.76	29.79	24	36.81	43.84	50.86	57.89 64.91
1.83	8.85	15.88	22.90	29.93	26	36.95	43.98	51.00	58.03 65.05
1.97	8.99	16.02	23.04	30.07	28	37.09	44.12	51.14	58.17 65.19
2.11	9.13	16.16	23.18	30.21	30	37.23	44.26	51.28	58.31 65.33
2.25	9.27	16.30	23.32	30.35	32	37.37	44.40	51.42	58.45 65.47
2.39	9.41	16.44	23.46	30.49	34	37.51	44.54	51.56	58.59 65.61
2.53	9.55	16.58	23.60	30.63	36	37.65	44.68	51.70	58.73 65.75
2.67	9.69	16.72	23.74	30.77	38	37.79	44.82	51.84	58.87 65.89
2.81	9.84	16.86	23.89	30.91	40	37.94	44.96	51.99	59.01 66.04
2.95	9.98	17.00	24.03	31.05	42	38.08	45.10	52.13	59.15 66.18
3.09	10.12	17.14	24.17	31.19	44	38.22	45.24	52.27	59.29 66.32
3.23	10.26	17.28	24.31	31.33	46	38.36	45.38	52.41	59.43 66.46
3.37	10.40	17.42	24.45	31.47	48	38.50	45.52	52.55	59.57 66.60
3.51	10.54	17.56	24.59	31.61	50	38.64	45.66	52.69	59.71 66.74

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.65	10.68	17.70	24.73	31.75	52	38.78	45.80	52.83	59.85 66.88
3.79	10.82	17.84	24.87	31.89	54	38.92	45.94	52.97	59.99 67.02
3.93	10.96	17.98	25.01	32.03	56	39.06	46.08	53.11	60.13 67.16
4.07	11.10	18.12	25.15	32.17	58	39.20	46.22	53.25	60.27 67.30
4.22	11.24	18.27	25.29	32.32	60	39.34	46.37	53.39	60.42 67.44
4.36	11.38	18.41	25.43	32.46	62	39.48	46.51	53.53	60.56 67.58
4.50	11.52	18.55	25.57	32.60	64	39.62	46.65	53.67	60.70 67.72
4.64	11.66	18.69	25.71	32.74	66	39.76	46.79	53.81	60.84 67.86
4.78	11.80	18.83	25.85	32.88	68	39.90	46.93	53.95	60.98 68.00
4.92	11.94	18.97	25.99	33.02	70	40.04	47.07	54.09	61.12 68.14
5.06	12.08	19.11	26.13	33.16	72	40.18	47.21	54.23	61.26 68.28
5.20	12.22	19.25	26.27	33.30	74	40.32	47.35	54.37	61.40 68.42
5.34	12.36	19.39	26.41	33.44	76	40.46	47.49	54.51	61.54 68.56
5.48	12.50	19.53	26.55	33.58	78	40.60	47.63	54.65	61.68 68.70
5.62	12.65	19.67	26.70	33.72	80	40.75	47.77	54.80	61.82 68.85
5.76	12.79	19.81	26.84	33.86	82	40.89	47.91	54.94	61.96 68.99
5.90	12.93	19.95	26.98	34.00	84	41.03	48.05	55.08	62.10 69.13
6.04	13.07	20.09	27.12	34.14	86	41.17	48.19	55.22	62.24 69.27
6.18	13.21	20.23	27.26	34.28	88	41.31	48.33	55.36	62.38 69.41
6.32	13.35	20.37	27.40	34.42	90	41.45	48.47	55.50	62.52 69.55
6.46	13.49	20.51	27.54	34.56	92	41.59	48.61	55.64	62.66 69.69
6.60	13.63	20.65	27.68	34.70	94	41.73	48.75	55.78	62.80 69.83
6.74	13.77	20.79	27.82	34.84	96	41.87	48.89	55.92	62.94 69.97
6.88	13.91	20.93	27.96	34.98	98	42.01	49.03	56.06	63.08 70.11

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
70.25	140.50	210.75	281.00		351.25	421.50	491.75	562.00	632.25
702.50	772.75	843.00	913.25	983.50	1053.75	1124.00	1194.25	1264.50	1334.75
1405.00	1475.25	1545.50	1615.75	1686.00	1756.25	1826.50	1896.75	1967.00	2037.25

1x3

\$70

\$71

\$72

\$73

\$74

\$75

R

FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.05	14.10	21.15	28.20		35.25	42.30	49.35	56.40	63.45
7.14	7.19	14.24	21.29	28.34	2	35.39	42.44	49.49	56.54 63.59
7.28	7.33	14.38	21.43	28.48	4	35.53	42.58	49.63	56.68 63.73
7.42	7.47	14.52	21.57	28.62	6	35.67	42.72	49.77	56.82 63.87
7.56	7.61	14.66	21.71	28.76	8	35.81	42.86	49.91	56.96 64.01
7.71	7.76	14.81	21.86	28.91	10	35.96	43.01	50.06	57.11 64.16
7.85	7.90	14.95	22.00	29.05	12	36.10	43.15	50.20	57.25 64.30
7.99	8.04	15.09	22.14	29.19	14	36.24	43.29	50.34	57.39 64.44
1.13	8.18	15.23	22.28	29.33	16	36.38	43.43	50.48	57.53 64.58
1.27	8.32	15.37	22.42	29.47	18	36.52	43.57	50.62	57.67 64.72
1.41	8.46	15.51	22.56	29.61	20	36.66	43.71	50.76	57.81 64.86
1.55	8.60	15.65	22.70	29.75	22	36.80	43.85	50.90	57.95 65.00
1.69	8.74	15.79	22.84	29.89	24	36.94	43.99	51.04	58.09 65.14
1.83	8.88	15.93	22.98	30.03	26	37.08	44.13	51.18	58.23 65.28
1.97	9.02	16.07	23.12	30.17	28	37.22	44.27	51.32	58.37 65.42
2.12	9.17	16.22	23.27	30.32	30	37.37	44.42	51.47	58.52 65.57
2.26	9.31	16.36	23.41	30.46	32	37.51	44.56	51.61	58.66 65.71
2.40	9.45	16.50	23.55	30.60	34	37.65	44.70	51.75	58.80 65.85
2.54	9.59	16.64	23.69	30.74	36	37.79	44.84	51.89	58.94 65.99
2.68	9.73	16.78	23.83	30.88	38	37.93	44.98	52.03	59.08 66.13
2.82	9.87	16.92	23.97	31.02	40	38.07	45.12	52.17	59.22 66.27
2.96	10.01	17.06	24.11	31.16	42	38.21	45.26	52.31	59.36 66.41
3.10	10.15	17.20	24.25	31.30	44	38.35	45.40	52.45	59.50 66.55
3.24	10.29	17.34	24.39	31.44	46	38.59	45.54	52.59	59.64 66.69
3.38	10.43	17.48	24.53	31.58	48	38.63	45.68	52.73	59.78 66.83
3.53	10.58	17.63	24.68	31.73	50	38.78	45.83	52.88	59.93 66.98

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.67	10.72	17.77	24.82	31.87	52	38.92	45.97	53.02	60.07 67.12
3.81	10.86	17.91	24.96	32.01	54	39.06	46.11	53.16	60.21 67.26
3.95	11.00	18.05	25.10	32.15	56	39.20	46.25	53.30	60.35 67.40
4.09	11.14	18.19	25.24	32.29	58	39.34	46.39	53.44	60.49 67.54
4.23	11.28	18.33	25.38	32.43	60	39.48	46.53	53.58	60.63 67.68
4.37	11.42	18.47	25.52	32.57	62	39.62	46.67	53.72	60.77 67.82
4.51	11.56	18.61	25.66	32.71	64	39.76	46.81	53.86	60.91 67.96
4.65	11.70	18.75	25.80	32.85	66	39.90	46.95	54.00	61.05 68.10
4.79	11.84	18.89	25.94	32.99	68	40.04	47.09	54.14	61.19 68.24
4.94	11.99	19.04	26.09	33.14	70	40.19	47.24	54.29	61.34 68.39
5.08	12.13	19.18	26.23	33.28	72	40.33	47.38	54.43	61.48 68.53
5.22	12.27	19.32	26.37	33.42	74	40.47	47.52	54.57	61.62 68.67
5.36	12.41	19.46	26.51	33.56	76	40.61	47.66	54.71	61.76 68.81
5.50	12.55	19.60	26.65	33.70	78	40.75	47.80	54.85	61.90 68.95
5.64	12.69	19.74	26.79	33.84	80	40.89	47.94	54.99	62.04 69.09
5.78	12.83	19.88	26.93	33.98	82	41.03	48.08	55.13	62.18 69.23
5.92	12.97	20.02	27.07	34.12	84	41.17	48.22	55.27	62.32 69.37
6.06	13.11	20.16	27.21	34.26	86	41.31	48.36	55.41	62.46 69.51
6.20	13.25	20.30	27.35	34.40	88	41.45	48.50	55.55	62.60 69.65
6.35	13.40	20.45	27.50	34.55	90	41.60	48.65	55.70	62.75 69.80
6.49	13.54	20.59	27.64	34.69	92	41.74	48.79	55.84	62.89 69.94
6.63	13.68	20.73	27.78	34.83	94	41.88	48.93	55.98	63.03 70.08
6.77	13.82	20.87	27.92	34.97	96	42.02	49.07	56.12	63.17 70.22
6.91	13.96	21.01	28.06	35.11	98	42.16	49.21	56.26	63.31 70.36

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
70.50	141.00	211.50	282.00		352.50	423.00	493.50	564.00	634.50
705.00	775.50	846.00	916.50	987.00	10	1057.50	1128.00	1198.50	1269.00 1339.50
1410.00	1480.50	1551.00	1621.50	1692.00	20	1762.50	1833.00	1903.50	1974.00 2044.50



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	7.08	14.15	21.23	28.30		35.38	42.45	49.53	56.60 63.68
14	7.22	14.29	21.37	28.44	2	35.52	42.59	49.67	56.74 63.82
28	7.36	14.43	21.51	28.58	4	35.66	42.73	49.81	56.88 63.96
42	7.50	14.57	21.65	28.72	6	35.80	42.87	49.95	57.02 64.10
57	7.64	14.72	21.79	28.87	8	35.94	43.02	50.09	57.17 64.24
71	7.78	14.86	21.93	29.01	10	36.08	43.16	50.23	57.31 64.38
85	7.92	15.00	22.07	29.15	12	36.22	43.30	50.37	57.45 64.52
99	8.07	15.14	22.22	29.29	14	36.37	43.44	50.52	57.59 64.67
1.13	8.21	15.28	22.36	29.43	16	36.51	43.58	50.66	57.73 64.81
1.27	8.35	15.42	22.50	29.57	18	36.65	43.72	50.80	57.87 64.95
1.42	8.49	15.57	22.64	29.72	20	36.79	43.87	50.94	58.02 65.09
1.56	8.63	15.71	22.78	29.86	22	36.93	44.01	51.08	58.16 65.23
1.70	8.77	15.85	22.92	30.00	24	37.07	44.15	51.22	58.30 65.37
1.84	8.91	15.99	23.06	30.14	26	37.21	44.29	51.36	58.44 65.51
1.98	9.06	16.13	23.21	30.28	28	37.36	44.43	51.51	58.58 65.66
2.12	9.20	16.27	23.35	30.42	30	37.50	44.57	51.65	58.72 65.80
2.26	9.34	16.41	23.49	30.56	32	37.64	44.71	51.79	58.86 65.94
2.41	9.48	16.56	23.63	30.71	34	37.78	44.86	51.93	59.01 66.08
2.55	9.62	16.70	23.77	30.85	36	37.92	45.00	52.07	59.15 66.22
2.69	9.76	16.84	23.91	30.99	38	38.06	45.14	52.21	59.29 66.36
2.83	9.91	16.98	24.06	31.13	40	38.21	45.28	52.36	59.43 66.51
2.97	10.05	17.12	24.20	31.27	42	38.35	45.42	52.50	59.57 66.65
3.11	10.19	17.26	24.34	31.41	44	38.49	45.56	52.64	59.71 66.79
3.25	10.33	17.40	24.48	31.55	46	38.63	45.70	52.78	59.85 66.93
3.40	10.47	17.55	24.62	31.70	48	38.77	45.85	52.92	60.00 67.07
3.54	10.61	17.69	24.76	31.84	50	38.91	45.99	53.06	60.14 67.21

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.68	10.75	17.83	24.90	31.98	52	39.05	46.13	53.20	60.28 67.35
3.82	10.90	17.97	25.05	32.12	54	39.20	46.27	53.35	60.42 67.50
3.96	11.04	18.11	25.19	32.26	56	39.34	46.41	53.49	60.56 67.64
4.10	11.18	18.25	25.33	32.40	58	39.48	46.55	53.63	60.70 67.78
4.25	11.32	18.40	25.47	32.55	60	39.62	46.70	53.77	60.85 67.92
4.39	11.46	18.54	25.61	32.69	62	39.76	46.84	53.91	60.99 68.06
4.53	11.60	18.68	25.75	32.83	64	39.90	46.98	54.05	61.13 68.20
4.67	11.74	18.82	25.89	32.97	66	40.04	47.12	54.19	61.27 68.34
4.81	11.89	18.96	26.04	33.11	68	40.19	47.26	54.34	61.41 68.49
4.95	12.03	19.10	26.18	33.25	70	40.33	47.40	54.48	61.55 68.63
5.09	12.17	19.24	26.32	33.39	72	40.47	47.54	54.62	61.69 68.77
5.24	12.31	19.39	26.46	33.54	74	40.61	47.69	54.76	61.84 68.91
5.38	12.45	19.53	26.60	33.68	76	40.75	47.83	54.90	61.98 69.05
5.52	12.59	19.67	26.74	33.82	78	40.89	47.97	55.04	62.12 69.19
5.66	12.74	19.81	26.89	33.96	80	41.04	48.11	55.19	62.26 69.34
5.80	12.88	19.95	27.03	34.10	82	41.18	48.25	55.33	62.40 69.48
5.94	13.02	20.09	27.17	34.24	84	41.32	48.39	55.47	62.54 69.62
6.08	13.16	20.23	27.31	34.38	86	41.46	48.53	55.61	62.68 69.76
6.23	13.30	20.38	27.45	34.53	88	41.60	48.68	55.75	62.83 69.90
6.37	13.44	20.52	27.59	34.67	90	41.74	48.82	55.89	62.97 70.04
6.51	13.58	20.66	27.73	34.81	92	41.88	48.96	56.03	63.11 70.18
6.65	13.73	20.80	27.88	34.95	94	42.03	49.10	56.18	63.25 70.33
6.79	13.87	20.94	28.02	35.09	96	42.17	49.24	56.32	63.39 70.47
6.93	14.01	21.08	28.16	35.23	98	42.31	49.38	56.46	63.53 70.61

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
70.75	141.50	212.25	283.00		353.75	424.50	495.25	566.00	636.75
707.50	778.25	849.00	919.75	10	1061.25	1132.00	1202.75	1273.50	1344.25
1415.00	1485.75	1556.50	1627.25	20	1768.75	1839.50	1910.25	1981.00	2051.75

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
1.33	7.10	14.20	21.30	28.40		35.50	42.60	49.70	56.80	63.90
1.14	7.24	14.34	21.44	28.54	2	35.64	42.74	49.84	56.94	64.04
1.28	7.38	14.48	21.58	28.68	4	35.78	42.88	49.98	57.08	64.18
1.43	7.53	14.63	21.73	28.83	6	35.93	43.03	50.13	57.23	64.33
1.57	7.67	14.77	21.87	28.97	8	36.07	43.17	50.27	57.37	64.47
1.71	7.81	14.91	22.01	29.11	10	36.21	43.31	50.41	57.51	64.61
1.85	7.95	15.05	22.15	29.25	12	36.35	43.45	50.55	57.65	64.75
1.99	8.09	15.19	22.29	29.39	14	36.49	43.59	50.69	57.79	64.89
1.14	8.24	15.34	22.44	29.54	16	36.64	43.74	50.84	57.94	65.04
1.28	8.38	15.48	22.58	29.68	18	36.78	43.88	50.98	58.08	65.18
1.42	8.52	15.62	22.72	29.82	20	36.92	44.02	51.12	58.22	65.32
1.56	8.66	15.76	22.86	29.96	22	37.06	44.16	51.26	58.36	65.46
1.70	8.80	15.90	23.00	30.10	24	37.20	44.30	51.40	58.50	65.60
1.85	8.95	16.05	23.15	30.25	26	37.35	44.45	51.55	58.65	65.75
1.99	9.09	16.19	23.29	30.39	28	37.49	44.59	51.69	58.79	65.89
2.13	9.23	16.33	23.43	30.53	30	37.63	44.73	51.83	58.93	66.03
2.27	9.37	16.47	23.57	30.67	32	37.77	44.87	51.97	59.07	66.17
2.41	9.51	16.61	23.71	30.81	34	37.91	45.01	52.11	59.21	66.31
2.56	9.66	16.76	23.86	30.96	36	38.06	45.16	52.26	59.36	66.46
2.70	9.80	16.90	24.00	31.10	38	38.20	45.30	52.40	59.50	66.60
2.84	9.94	17.04	24.14	31.24	40	38.34	45.44	52.54	59.64	66.74
2.98	10.08	17.18	24.28	31.38	42	38.48	45.58	52.68	59.78	66.88
3.12	10.22	17.32	24.42	31.52	44	38.62	45.72	52.82	59.92	67.02
3.27	10.37	17.47	24.57	31.67	46	38.77	45.87	52.97	60.07	67.17
3.41	10.51	17.61	24.71	31.81	48	38.91	46.01	53.11	60.21	67.31
3.55	10.65	17.75	24.85	31.95	50	39.05	46.15	53.25	60.35	67.45

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
3.69	10.79	17.89	24.99	32.09	52	39.19	46.29	53.39	60.49	67.59
3.83	10.93	18.03	25.13	32.23	54	39.33	46.43	53.53	60.63	67.73
3.98	11.08	18.18	25.28	32.38	56	39.48	46.58	53.68	60.78	67.88
4.12	11.22	18.32	25.42	32.52	58	39.62	46.72	53.82	60.92	68.02
4.26	11.36	18.46	25.56	32.66	60	39.76	46.86	53.96	61.06	68.16
4.40	11.50	18.60	25.70	32.80	62	39.90	47.00	54.10	61.20	68.30
4.54	11.64	18.74	25.84	32.94	64	40.04	47.14	54.24	61.34	68.44
4.69	11.79	18.89	25.99	33.09	66	40.19	47.29	54.39	61.49	68.59
4.83	11.93	19.03	26.13	33.23	68	40.33	47.43	54.53	61.63	68.73
4.97	12.07	19.17	26.27	33.37	70	40.47	47.57	54.67	61.77	68.87
5.11	12.21	19.31	26.41	33.51	72	40.61	47.71	54.81	61.91	69.01
5.25	12.35	19.45	26.55	33.65	74	40.75	47.85	54.95	62.05	69.15
5.40	12.50	19.60	26.70	33.80	76	40.90	48.00	55.10	62.20	69.30
5.54	12.64	19.74	26.84	33.94	78	41.04	48.14	55.24	62.34	69.44
5.68	12.78	19.88	26.98	34.08	80	41.18	48.28	55.38	62.48	69.58
5.82	12.92	20.02	27.12	34.22	82	41.32	48.42	55.52	62.62	69.72
5.96	13.06	20.16	27.26	34.36	84	41.46	48.56	55.66	62.76	69.86
6.11	13.21	20.31	27.41	34.51	86	41.61	48.71	55.81	62.91	70.01
6.25	13.35	20.45	27.55	34.65	88	41.75	48.85	55.95	63.05	70.15
6.39	13.49	20.59	27.69	34.79	90	41.89	48.99	56.09	63.19	70.29
6.53	13.63	20.73	27.83	34.93	92	42.03	49.13	56.23	63.33	70.43
6.67	13.77	20.87	27.97	35.07	94	42.17	49.27	56.37	63.47	70.57
6.82	13.92	21.02	28.12	35.22	96	42.32	49.42	56.52	63.62	70.72
6.96	14.06	21.16	28.26	35.36	98	42.46	49.56	56.66	63.76	70.86

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
71.00	142.00	213.00	284.00	10	355.00	426.00	497.00	568.00	639.00
710.00	781.00	852.00	923.00	11	1065.00	1136.00	1207.00	1278.00	1349.00
1420.00	1491.00	1562.00	1633.00	12	1775.00	1846.00	1917.00	1988.00	2059.00





FEET									
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.15	14.30	21.45	28.60		35.75	42.90	50.05	57.20	64.35
1.14	7.29	14.44	21.59	28.74	2	35.89	43.04	50.19	57.34 64.49
1.29	7.44	14.59	21.74	28.89	4	36.04	43.19	50.34	57.49 64.64
1.43	7.58	14.73	21.88	29.03	6	36.18	43.33	50.48	57.63 64.78
1.57	7.72	14.87	22.02	29.17	8	36.32	43.47	50.62	57.77 64.92
1.72	7.87	15.02	22.17	29.32	10	36.47	43.62	50.77	57.92 65.07
1.86	8.01	15.16	22.31	29.46	12	36.61	43.76	50.91	58.06 65.21
1.00	8.15	15.30	22.45	29.60	14	36.75	43.90	51.05	58.20 65.35
1.14	8.29	15.44	22.59	29.74	16	36.89	44.04	51.19	58.34 65.49
1.29	8.44	15.59	22.74	29.89	18	37.04	44.19	51.34	58.49 65.64
1.43	8.58	15.73	22.88	30.03	20	37.18	44.33	51.48	58.63 65.78
1.57	8.72	15.87	23.02	30.17	22	37.32	44.47	51.62	58.77 65.92
1.72	8.87	16.02	23.17	30.32	24	37.47	44.62	51.77	58.92 66.07
1.86	9.01	16.16	23.31	30.46	26	37.61	44.76	51.91	59.06 66.21
2.00	9.15	16.30	23.45	30.60	28	37.75	44.90	52.05	59.20 66.35
2.15	9.30	16.45	23.60	30.75	30	37.90	45.05	52.20	59.35 66.50
2.29	9.44	16.59	23.74	30.89	32	38.04	45.19	52.34	59.49 66.64
2.43	9.58	16.73	23.88	31.03	34	38.18	45.33	52.48	59.63 66.78
2.57	9.72	16.87	24.02	31.17	36	38.32	45.47	52.62	59.77 66.92
2.72	9.87	17.02	24.17	31.32	38	38.47	45.62	52.77	59.92 67.07
2.86	10.01	17.16	24.31	31.46	40	38.61	45.76	52.91	60.06 67.21
3.00	10.15	17.30	24.45	31.60	42	38.75	45.90	53.05	60.20 67.35
3.15	10.30	17.45	24.60	31.75	44	38.90	46.05	53.20	60.35 67.50
3.29	10.44	17.59	24.74	31.89	46	39.04	46.19	53.34	60.49 67.64
3.43	10.58	17.73	24.88	32.03	48	39.18	46.33	53.48	60.63 67.78
3.58	10.73	17.88	25.03	32.18	50	39.33	46.48	53.63	60.78 67.93

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.72	10.87	18.02	25.17	32.32	52	39.47	46.62	53.77	60.92 68.07
3.86	11.01	18.16	25.31	32.46	54	39.61	46.76	53.91	61.06 68.21
4.00	11.15	18.30	25.45	32.60	56	39.75	46.90	54.05	61.20 68.35
4.15	11.30	18.45	25.60	32.75	58	39.90	47.05	54.20	61.35 68.50
4.29	11.44	18.59	25.74	32.89	60	40.04	47.19	54.34	61.49 68.64
4.43	11.58	18.73	25.88	33.03	62	40.18	47.33	54.48	61.63 68.78
4.58	11.73	18.88	26.03	33.18	64	40.33	47.48	54.63	61.78 68.93
4.72	11.87	19.02	26.17	33.32	66	40.47	47.62	54.77	61.92 69.07
4.86	12.01	19.16	26.31	33.46	68	40.61	47.76	54.91	62.06 69.21
5.01	12.16	19.31	26.46	33.61	70	40.76	47.91	55.06	62.21 69.36
5.15	12.30	19.45	26.60	33.75	72	40.90	48.05	55.20	62.35 69.50
5.29	12.44	19.59	26.74	33.89	74	41.04	48.19	55.34	62.49 69.64
5.43	12.58	19.73	26.88	34.03	76	41.18	48.33	55.48	62.63 69.78
5.58	12.73	19.88	27.03	34.18	78	41.33	48.48	55.63	62.78 69.93
5.72	12.87	20.02	27.17	34.32	80	41.47	48.62	55.77	62.92 70.07
5.86	13.01	20.16	27.31	34.46	82	41.61	48.76	55.91	63.06 70.21
6.01	13.16	20.31	27.46	34.61	84	41.76	48.91	56.06	63.21 70.36
6.15	13.30	20.45	27.60	34.75	86	41.90	49.05	56.20	63.35 70.50
6.29	13.44	20.59	27.74	34.89	88	42.04	49.19	56.34	63.49 70.64
6.44	13.59	20.74	27.89	35.04	90	42.19	49.34	56.49	63.64 70.79
6.58	13.73	20.88	28.03	35.18	92	42.33	49.48	56.63	63.78 70.93
6.72	13.87	21.02	28.17	35.32	94	42.47	49.62	56.77	63.92 71.07
6.86	14.01	21.16	28.31	35.46	96	42.61	49.76	56.91	64.06 71.21
7.01	14.16	21.31	28.46	35.61	98	42.76	49.91	57.06	64.21 71.36

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
71.50	143.00	214.50	286.00		357.53	429.00	500.50	572.00	643.50
715.00	786.50	858.00	929.50	1001.00	10	1072.50	1144.00	1215.50	1287.00
1430.00	1501.50	1573.00	1644.50	1716.00	20	1787.50	1859.00	1930.50	2002.00



\$7.17½ Per 100

\$71.75 Per M.

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
7.18	14.35	21.53	28.70		35.88	43.05	50.23	57.40	64.58
7.32	14.49	21.67	28.84		36.02	43.19	50.37	57.54	64.72
7.46	14.64	21.81	28.99		36.16	43.34	50.51	57.69	64.86
7.61	14.78	21.96	29.13		36.31	43.48	50.66	57.83	65.01
7.75	14.92	22.10	29.27		36.45	43.62	50.80	57.97	65.15
7.89	15.07	22.24	29.42		36.59	43.77	50.94	58.12	65.29
8.04	15.21	22.39	29.56		36.74	43.91	51.09	58.26	65.44
8.18	15.35	22.53	29.70		36.88	44.05	51.23	58.40	65.58
8.32	15.50	22.67	29.85		37.02	44.20	51.37	58.55	65.72
8.47	15.64	22.82	29.99		37.17	44.34	51.52	58.69	65.87
8.61	15.79	22.96	30.14		37.31	44.49	51.66	58.84	66.01
8.75	15.93	23.10	30.28		37.45	44.63	51.80	58.98	66.15
8.90	16.07	23.25	30.42		37.60	44.77	51.95	59.12	66.30
9.04	16.22	23.39	30.57		37.74	44.92	52.09	59.27	66.44
9.18	16.36	23.53	30.71		37.88	45.06	52.23	59.41	66.58
9.33	16.50	23.68	30.85		38.03	45.20	52.38	59.55	66.73
9.47	16.65	23.82	31.00		38.17	45.35	52.52	59.70	66.87
9.61	16.79	23.96	31.14		38.31	45.49	52.66	59.84	67.01
9.76	16.93	24.11	31.28		38.46	45.63	52.81	59.98	67.16
9.90	17.08	24.25	31.43		38.60	45.78	52.95	60.13	67.30
10.05	17.22	24.40	31.57		38.75	45.92	53.10	60.27	67.45
10.19	17.36	24.54	31.71		38.89	46.06	53.24	60.41	67.59
10.33	17.51	24.68	31.86		39.03	46.21	53.38	60.56	67.73
10.48	17.65	24.83	31.90		39.18	46.35	53.53	60.70	67.88
10.62	17.79	24.97	32.14		39.32	46.49	53.67	60.84	68.02
10.76	17.94	25.11	32.29		39.46	46.64	53.81	60.99	68.16

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
10.91	18.08	25.26	32.43		39.61	46.78	53.96	61.13	68.31
11.05	18.22	25.40	32.57		39.75	46.92	54.10	61.27	68.45
11.19	18.37	25.54	32.72		39.89	47.07	54.24	61.42	68.59
11.34	18.51	25.69	32.86		40.04	47.21	54.39	61.56	68.74
11.48	18.66	25.83	33.01		40.18	47.36	54.53	61.71	68.88
11.62	18.80	25.97	33.15		40.32	47.50	54.67	61.85	69.02
11.77	18.94	26.12	33.29		40.47	47.64	54.82	61.99	69.17
11.91	19.09	26.26	33.44		40.61	47.79	54.96	62.14	69.31
12.05	19.23	26.40	33.58		40.75	47.93	55.10	62.28	69.45
12.20	19.37	26.55	33.72		40.90	48.07	55.25	62.42	69.60
12.34	19.52	26.69	33.87		41.04	48.22	55.39	62.57	69.74
12.48	19.66	26.83	34.01		41.18	48.36	55.53	62.71	69.88
12.63	19.80	26.98	34.15		41.33	48.50	55.68	62.85	70.03
12.77	19.95	27.12	34.30		41.47	48.65	55.82	63.00	70.17
12.92	20.09	27.27	34.44		41.62	48.79	55.97	63.14	70.32
13.06	20.23	27.41	34.58		41.76	48.93	56.11	63.28	70.46
13.20	20.38	27.55	34.73		41.90	49.08	56.25	63.43	70.60
13.35	20.52	27.70	34.87		42.05	49.22	56.40	63.57	70.75
13.49	20.66	27.84	35.01		42.19	49.36	56.54	63.71	70.89
13.63	20.81	27.98	35.16		42.33	49.51	56.68	63.86	71.03
13.78	20.95	28.13	35.30		42.48	49.65	56.83	64.00	71.18
13.92	21.09	28.27	35.44		42.62	49.79	56.97	64.14	71.32
14.06	21.24	28.41	35.59		42.76	49.94	57.11	64.29	71.46
14.21	21.38	28.56	35.73		42.91	50.08	57.26	64.43	71.61

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
71.75	143.50	215.25	287.00		358.75	480.50	502.25	574.00	645.75
717.50	789.25	861.00	932.75	1004.50	1076.25	1148.00	1219.75	1291.50	1363.25
1435.00	1506.75	1578.50	1650.25	1722.00	1793.75	1865.50	1937.25	2009.00	2080.75

100r  
Odd  
10th

1x3

\$72

\$73

\$74

\$75  
R

FEET					FEET				
2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
1.14	7.20	14.40	21.60	28.80	2	36.00	43.20	50.40	57.60
1.29	7.34	14.54	21.74	28.94	4	36.14	43.34	50.54	57.74
1.43	7.49	14.69	21.89	29.09	6	36.29	43.49	50.69	57.89
1.58	7.63	14.83	22.03	29.23	8	36.43	43.63	50.83	58.03
1.72	7.78	14.98	22.18	29.38	10	36.58	43.78	50.98	58.18
1.86	7.92	15.12	22.32	29.52	12	36.72	43.92	51.12	58.32
1.01	8.06	15.26	22.46	29.66	14	36.86	44.06	51.26	58.46
1.15	8.21	15.41	22.61	29.81	16	37.01	44.21	51.41	58.61
1.30	8.35	15.55	22.75	29.95	18	37.15	44.35	51.55	58.75
1.44	8.50	15.70	22.90	30.10	20	37.30	44.50	51.70	58.90
1.58	8.64	15.84	23.04	30.24	22	37.44	44.64	51.84	59.04
1.73	8.78	15.98	23.18	30.38	24	37.58	44.78	51.98	59.18
1.87	8.93	16.13	23.33	30.53	26	37.73	44.93	52.13	59.33
2.02	9.07	16.27	23.47	30.67	28	37.87	45.07	52.27	59.47
2.16	9.22	16.42	23.62	30.82	30	38.02	45.22	52.42	59.62
2.30	9.36	16.56	23.76	30.96	32	38.16	45.36	52.56	59.76
2.45	9.50	16.70	23.90	31.10	34	38.30	45.50	52.70	59.90
2.59	9.65	16.85	24.05	31.25	36	38.45	45.65	52.85	60.05
2.74	9.79	16.99	24.19	31.39	38	38.59	45.79	52.99	60.19
2.88	9.94	17.14	24.34	31.54	40	38.74	45.94	53.14	60.34
3.02	10.08	17.28	24.48	31.68	42	38.88	46.08	53.28	60.48
3.17	10.22	17.42	24.62	31.82	44	39.02	46.22	53.42	60.62
3.31	10.37	17.57	24.77	31.97	46	39.17	46.37	53.57	60.77
3.46	10.51	17.71	24.91	32.11	48	39.31	46.51	53.71	60.91
3.60	10.66	17.86	25.06	32.26	50	39.46	46.66	53.86	61.06
3.74	10.80	18.00	25.20	32.40		39.60	46.80	54.00	61.20

2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
3.74	10.94	18.14	25.34	32.54	52	39.74	46.94	54.14	61.34
3.89	11.09	18.29	25.49	32.69	54	39.89	47.09	54.29	61.49
4.03	11.23	18.43	25.63	32.83	56	40.03	47.23	54.43	61.63
4.18	11.38	18.58	25.78	32.98	58	40.18	47.38	54.58	61.78
4.32	11.52	18.72	25.92	33.12	60	40.32	47.52	54.72	61.92
4.46	11.66	18.86	26.06	33.26	62	40.46	47.66	54.86	62.06
4.61	11.81	19.01	26.21	33.41	64	40.61	47.81	55.01	62.21
4.75	11.95	19.15	26.35	33.55	66	40.75	47.95	55.15	62.35
4.90	12.10	19.30	26.50	33.70	68	40.90	48.10	55.30	62.50
5.04	12.24	19.44	26.64	33.84	70	41.04	48.24	55.44	62.64
5.18	12.38	19.58	26.78	33.98	72	41.18	48.38	55.58	62.78
5.33	12.53	19.73	26.93	34.13	74	41.33	48.53	55.73	62.93
5.47	12.67	19.87	27.07	34.27	76	41.47	48.67	55.87	63.07
5.62	12.82	20.02	27.22	34.42	78	41.62	48.82	56.02	63.22
5.76	12.96	20.16	27.36	34.56	80	41.76	48.96	56.16	63.36
5.90	13.10	20.30	27.50	34.70	82	41.90	49.10	56.30	63.50
6.05	13.25	20.45	27.65	34.85	84	42.05	49.25	56.45	63.65
6.19	13.39	20.59	27.79	34.99	86	42.19	49.39	56.59	63.79
6.34	13.54	20.74	27.94	35.14	88	42.34	49.54	56.74	63.94
6.48	13.68	20.88	28.08	35.28	90	42.48	49.68	56.88	64.08
6.62	13.82	21.02	28.22	35.42	92	42.62	49.82	57.02	64.22
6.77	13.97	21.17	28.37	35.57	94	42.77	49.97	57.17	64.37
6.91	14.11	21.31	28.51	35.71	96	42.91	50.11	57.31	64.51
7.06	14.26	21.46	28.66	35.86	98	43.06	50.26	57.46	64.66

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
72.00	144.00	216.00	288.00		360.00	432.00	504.00	576.00	648.00
720.00	702.00	804.00	936.00	1008.00	10	1080.00	1152.00	1224.00	1296.00
1440.00	1512.00	1584.00	1656.00	1728.00	20	1800.00	1872.00	1944.00	2016.00



FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.23	14.45	21.68	28.90		36.13	43.35	50.58	57.80	65.03
01.14	7.37	14.59	21.82	29.04	2	36.27	43.49	50.72	57.94
02.29	7.51	14.74	21.96	29.19	4	36.41	43.64	50.86	58.09
03.43	7.66	14.88	22.11	29.33	6	36.56	43.78	51.01	58.23
04.58	7.80	15.03	22.25	29.48	8	36.70	43.93	51.15	58.38
05.72	7.95	15.17	22.40	29.62	10	36.85	44.07	51.30	58.52
06.87	8.09	15.32	22.54	29.77	12	36.99	44.22	51.44	58.67
08.01	8.24	15.46	22.69	29.91	14	37.14	44.36	51.59	58.81
09.16	8.38	15.61	22.83	30.06	16	37.28	44.51	51.73	58.96
10.30	8.53	15.75	22.98	30.20	18	37.43	44.65	51.88	59.10
11.45	8.67	15.90	23.12	30.35	20	37.57	44.80	52.02	59.25
12.59	8.81	16.04	23.26	30.49	22	37.71	44.94	52.16	59.39
13.73	8.96	16.18	23.41	30.63	24	37.86	45.08	52.31	59.53
14.88	9.10	16.33	23.55	30.78	26	38.00	45.23	52.45	59.68
16.02	9.25	16.47	23.70	30.92	28	38.15	45.37	52.60	59.82
17.17	9.39	16.62	23.84	31.07	30	38.29	45.52	52.74	59.97
18.31	9.54	16.76	23.99	31.21	32	38.44	45.66	52.89	60.11
19.46	9.68	16.91	24.13	31.36	34	38.58	45.81	53.03	60.26
20.60	9.83	17.05	24.28	31.50	36	38.73	45.95	53.18	60.40
21.75	9.97	17.20	24.42	31.65	38	38.87	46.10	53.32	60.55
22.89	10.12	17.34	24.57	31.79	40	39.02	46.24	53.47	60.69
24.03	10.26	17.48	24.71	31.93	42	39.16	46.38	53.61	60.83
25.18	10.40	17.63	24.85	32.08	44	39.30	46.53	53.75	60.98
26.32	10.55	17.77	25.00	32.22	46	39.45	46.67	53.90	61.12
27.47	10.69	17.92	25.14	32.37	48	39.59	46.82	54.04	61.27
28.61	10.84	18.06	25.29	32.51	50	39.74	46.96	54.19	61.41

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.76	10.98	18.21	25.43	32.66	52	39.88	47.11	54.33	61.56
3.90	11.13	18.35	25.58	32.80	54	40.03	47.25	54.48	61.70
4.05	11.27	18.50	25.72	32.95	56	40.17	47.40	54.62	61.85
4.19	11.42	18.64	25.87	33.09	58	40.32	47.54	54.77	61.99
4.34	11.56	18.79	26.01	33.24	60	40.46	47.69	54.91	62.14
4.48	11.70	18.93	26.15	33.38	62	40.60	47.83	55.05	62.28
4.62	11.85	19.07	26.30	33.52	64	40.75	47.97	55.20	62.42
4.77	11.99	19.22	26.44	33.67	66	40.89	48.12	55.34	62.57
4.91	12.14	19.36	26.59	33.81	68	41.04	48.26	55.49	62.71
5.06	12.28	19.51	26.73	33.96	70	41.18	48.41	55.63	62.86
5.20	12.43	19.65	26.88	34.10	72	41.33	48.55	55.78	63.00
5.35	12.57	19.80	27.02	34.25	74	41.47	48.70	55.92	63.15
5.49	12.72	19.94	27.17	34.39	76	41.62	48.84	56.07	63.29
5.64	12.86	20.09	27.31	34.54	78	41.76	48.99	56.21	63.44
5.78	13.01	20.23	27.46	34.68	80	41.91	49.13	56.36	63.58
5.92	13.15	20.37	27.60	34.82	82	42.05	49.27	56.50	63.72
6.07	13.29	20.52	27.74	34.97	84	42.19	49.42	56.64	63.87
6.21	13.44	20.66	27.89	35.11	86	42.34	49.56	56.79	64.01
6.36	13.58	20.81	28.03	35.26	88	42.48	49.71	56.93	64.16
6.50	13.73	20.95	28.18	35.40	90	42.63	49.85	57.08	64.30
6.65	13.87	21.10	28.32	35.55	92	42.77	50.00	57.22	64.45
6.79	14.02	21.24	28.47	35.69	94	42.92	50.14	57.37	64.59
6.94	14.16	21.39	28.61	35.84	96	43.06	50.29	57.51	64.74
7.08	14.31	21.53	28.76	35.98	98	43.21	50.43	57.66	64.88

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
72.25	144.50	216.75	289.00		361.25	493.50	605.75	578.00	650.25
722.50	794.75	867.00	939.25	1011.50	1083.75	1156.00	1228.25	1300.50	1372.75
1445.00	1517.25	1589.50	1661.75	1734.00	1806.25	1878.50	1950.75	2023.00	2095.25

\$72

\$73

\$74

\$75  
R

FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
7.25	14.50	21.75	29.00	36.25	43.50	50.75	58.00	65.25	
15	7.40	14.65	21.90	29.15	36.40	43.65	50.90	58.15	65.40
29	7.54	14.79	22.04	29.29	36.54	43.79	51.04	58.29	65.54
44	7.69	14.94	22.19	29.44	36.69	43.94	51.19	58.44	65.69
58	7.83	15.08	22.33	29.58	36.83	44.08	51.33	58.58	65.83
73	7.98	15.23	22.48	29.73	36.98	44.23	51.48	58.73	65.98
87	8.12	15.37	22.62	29.87	37.12	44.37	51.62	58.87	66.12
102	8.27	15.52	22.77	30.02	37.27	44.52	51.77	59.02	66.27
116	8.41	15.66	22.91	30.16	37.41	44.66	51.91	59.16	66.41
131	8.56	15.81	23.06	30.31	37.56	44.81	52.06	59.31	66.56
145	8.70	15.95	23.20	30.45	37.70	44.95	52.20	59.45	66.70
160	8.85	16.10	23.35	30.60	37.85	45.10	52.35	59.60	66.85
174	8.99	16.24	23.49	30.74	37.99	45.24	52.49	59.74	66.99
189	9.14	16.39	23.64	30.89	38.14	45.39	52.64	59.89	67.14
203	9.28	16.53	23.78	31.03	38.28	45.53	52.78	60.03	67.28
218	9.43	16.68	23.93	31.18	38.43	45.68	52.93	60.18	67.43
232	9.57	16.82	24.07	31.32	38.57	45.82	53.07	60.32	67.57
247	9.72	16.97	24.22	31.47	38.72	45.97	53.22	60.47	67.72
261	9.86	17.11	24.36	31.61	38.86	46.11	53.36	60.61	67.86
276	10.01	17.26	24.51	31.76	39.01	46.26	53.51	60.76	68.01
290	10.15	17.40	24.65	31.90	39.15	46.40	53.65	60.90	68.15
305	10.30	17.55	24.80	32.05	39.30	46.55	53.80	61.05	68.30
319	10.44	17.69	24.94	32.19	39.44	46.69	53.94	61.19	68.44
334	10.59	17.84	25.09	32.34	39.59	46.84	54.09	61.34	68.59
348	10.73	17.98	25.23	32.48	39.73	46.98	54.24	61.48	68.73
363	10.88	18.13	25.38	32.63	39.88	47.13	54.38	61.63	68.88

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.77	11.02	18.27	25.52	32.77	40.02	47.27	54.52	61.77	69.02
3.92	11.17	18.42	25.67	32.92	40.17	47.42	54.67	61.92	69.17
4.06	11.31	18.56	25.81	33.06	40.31	47.56	54.81	62.06	69.31
4.21	11.46	18.71	25.96	33.21	40.46	47.71	54.96	62.21	69.46
4.35	11.60	18.85	26.10	33.35	40.60	47.85	55.10	62.35	69.60
4.50	11.75	19.00	26.25	33.50	40.75	48.00	55.25	62.50	69.75
4.64	11.89	19.14	26.39	33.64	40.89	48.14	55.39	62.64	69.89
4.79	12.04	19.29	26.54	33.79	41.04	48.29	55.54	62.79	70.04
4.93	12.18	19.43	26.68	33.93	41.18	48.43	55.68	62.93	70.18
5.08	12.33	19.58	26.83	34.08	41.33	48.58	55.83	63.08	70.33
5.22	12.47	19.72	26.97	34.22	41.47	48.72	55.97	63.22	70.47
5.37	12.62	19.87	27.12	34.37	41.62	48.87	56.12	63.37	70.62
5.51	12.76	20.01	27.26	34.51	41.76	49.01	56.26	63.51	70.76
5.66	12.91	20.16	27.41	34.66	41.91	49.16	56.41	63.66	70.91
5.80	13.05	20.30	27.55	34.80	42.05	49.30	56.55	63.80	71.05
5.95	13.20	20.45	27.70	34.95	42.20	49.45	56.70	63.95	71.20
6.09	13.34	20.59	27.84	35.09	42.34	49.59	56.84	64.09	71.34
6.24	13.49	20.74	27.99	35.24	42.49	49.74	56.99	64.24	71.49
6.38	13.63	20.88	28.13	35.38	42.63	49.88	57.13	64.38	71.63
6.53	13.78	21.03	28.28	35.53	42.78	50.03	57.28	64.53	71.78
6.67	13.92	21.17	28.42	35.67	42.92	50.17	57.42	64.67	71.92
6.82	14.07	21.32	28.57	35.82	43.07	50.32	57.57	64.82	72.07
6.96	14.21	21.46	28.71	35.96	43.21	50.46	57.71	64.96	72.21
7.11	14.36	21.61	28.86	36.11	43.36	50.61	57.86	65.11	72.36

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
72.50	145.00	217.50	290.00		362.50	435.00	507.50	580.00	652.50
725.00	797.50	870.00	942.50	1015.00	1087.50	1160.00	1232.50	1305.00	1377.50
1450.00	1522.50	1595.00	1667.50	1740.00	1812.50	1885.00	1957.50	2030.00	2102.50



\$7.27½ Per 100

\$72.75 Per M.

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FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.28	14.55	21.83	29.10	36.38	43.65	50.93	58.20	65.48	
15	7.42	14.70	21.97	29.25	2	36.52	43.80	51.07	58.35 65.62
29	7.57	14.84	22.12	29.39	4	36.67	43.94	51.22	58.49 65.77
44	7.71	14.99	22.26	29.54	6	36.81	44.09	51.36	58.64 65.91
58	7.86	15.13	22.41	29.68	8	36.96	44.23	51.51	58.78 66.06
73	8.00	15.28	22.55	29.83	10	37.10	44.38	51.65	58.93 66.20
87	8.15	15.42	22.70	29.97	12	37.25	44.52	51.80	59.07 66.35
1.02	8.29	15.57	22.84	30.12	14	37.39	44.67	51.94	59.22 66.49
1.16	8.44	15.71	22.99	30.26	16	37.54	44.81	52.09	59.36 66.64
1.31	8.58	15.86	23.13	30.41	18	37.68	44.96	52.23	59.51 66.78
1.46	8.73	16.01	23.28	30.56	20	37.83	45.11	52.38	59.66 66.93
1.60	8.88	16.15	23.43	30.70	22	37.98	45.25	52.53	59.80 67.08
1.75	9.02	16.30	23.57	30.85	24	38.12	45.40	52.67	59.95 67.22
1.89	9.17	16.44	23.72	30.99	26	38.27	45.54	52.82	60.09 67.37
2.04	9.31	16.59	23.86	31.14	28	38.41	45.69	52.96	60.24 67.51
2.18	9.46	16.73	24.01	31.28	30	38.56	45.83	53.11	60.38 67.66
2.33	9.60	16.88	24.15	31.43	32	38.70	45.98	53.25	60.53 67.80
2.47	9.75	17.02	24.30	31.57	34	38.85	46.12	53.40	60.67 67.95
2.62	9.89	17.17	24.44	31.72	36	38.99	46.27	53.54	60.82 68.09
2.76	10.04	17.31	24.59	31.86	38	39.14	46.41	53.69	60.96 68.24
2.91	10.19	17.46	24.74	32.01	40	39.29	46.56	53.84	61.11 68.39
3.06	10.33	17.61	24.88	32.16	42	39.43	46.71	53.98	61.26 68.53
3.20	10.48	17.75	25.03	32.30	44	39.58	46.85	54.13	61.40 68.68
3.35	10.62	17.90	25.17	32.45	46	39.72	47.00	54.27	61.55 68.82
3.49	10.77	18.04	25.32	32.59	48	39.87	47.14	54.42	61.69 68.97
3.64	10.91	18.19	25.46	32.74	50	40.01	47.29	54.56	61.84 69.11

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.78	11.06	18.33	25.61	32.88	52	40.16	47.43	54.71	61.98 69.26
3.93	11.20	18.48	25.75	33.03	54	40.30	47.58	54.85	62.13 69.40
4.07	11.35	18.62	25.90	33.17	56	40.45	47.72	55.00	62.27 69.55
4.22	11.49	18.77	26.04	33.32	58	40.59	47.87	55.14	62.42 69.69
4.37	11.64	18.92	26.19	33.47	60	40.74	48.02	55.29	62.57 69.84
4.51	11.79	19.06	26.34	33.61	62	40.89	48.16	55.44	62.71 69.99
4.66	11.93	19.21	26.48	33.76	64	41.03	48.31	55.58	62.86 70.13
4.80	12.08	19.35	26.63	33.90	66	41.18	48.45	55.73	63.00 70.28
4.95	12.22	19.50	26.77	34.05	68	41.32	48.60	55.87	63.15 70.42
5.09	12.37	19.64	26.92	34.19	70	41.47	48.74	56.02	63.29 70.57
5.24	12.51	19.79	27.06	34.34	72	41.61	48.89	56.16	63.44 70.71
5.38	12.66	19.93	27.21	34.48	74	41.76	49.03	56.31	63.58 70.86
5.53	12.80	20.08	27.35	34.63	76	41.90	49.18	56.45	63.73 71.00
5.67	12.95	20.22	27.50	34.77	78	42.05	49.32	56.60	63.87 71.15
5.82	13.10	20.37	27.65	34.92	80	42.20	49.47	56.75	64.02 71.30
5.97	13.24	20.52	27.79	35.07	82	42.34	49.62	56.89	64.17 71.44
6.11	13.39	20.66	27.94	35.21	84	42.49	49.76	57.04	64.31 71.59
6.26	13.53	20.81	28.08	35.36	86	42.63	49.91	57.18	64.46 71.73
6.40	13.68	20.95	28.23	35.50	88	42.78	50.05	57.33	64.60 71.88
6.55	13.82	21.10	28.37	35.65	90	42.92	50.20	57.47	64.75 72.02
6.69	13.97	21.24	28.52	35.79	92	43.07	50.34	57.62	64.89 72.17
6.84	14.11	21.39	28.66	35.94	94	43.21	50.49	57.76	65.04 72.31
6.98	14.26	21.53	28.81	36.08	96	43.36	50.63	57.91	65.18 72.46
7.13	14.40	21.68	28.95	36.23	98	43.50	50.78	58.05	65.33 72.60

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
72.75	145.50	218.25	291.00	10	369.75	436.50	509.25	582.00	654.75
727.50	800.25	873.00	945.75	1018.50	10	1001.25	1164.00	1236.75	1309.50
1455.00	1627.75	1600.50	1673.25	1746.00	20	1818.75	1891.50	1964.25	2037.00
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FEET					FEET				
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.30	14.60	21.90	29.20		36.50	43.80	51.10	58.40	65.70
15	7.45	14.75	22.05	29.35	2	36.65	43.95	51.25	58.55 65.85
29	7.59	14.89	22.19	29.49	4	36.79	44.09	51.39	58.69 65.99
44	7.74	15.04	22.34	29.64	6	36.94	44.24	51.54	58.84 66.14
58	7.88	15.18	22.48	29.78	8	37.08	44.38	51.68	58.98 66.28
73	8.03	15.33	22.63	29.93	10	37.23	44.53	51.83	59.13 66.43
88	8.18	15.48	22.78	30.08	12	37.38	44.68	51.98	59.28 66.58
1.02	8.32	15.62	22.92	30.22	14	37.52	44.82	52.12	59.42 66.72
1.17	8.47	15.77	23.07	30.37	16	37.67	44.97	52.27	59.57 66.87
1.31	8.61	15.91	23.21	30.51	18	37.81	45.11	52.41	59.71 67.01
1.46	8.76	16.06	23.36	30.66	20	37.96	45.26	52.56	59.86 67.16
1.61	8.91	16.21	23.51	30.81	22	38.11	45.41	52.71	60.01 67.31
1.75	9.05	16.35	23.65	30.95	24	38.25	45.55	52.85	60.15 67.45
1.90	9.20	16.50	23.80	31.10	26	38.40	45.70	53.00	60.30 67.60
2.04	9.34	16.64	23.94	31.24	28	38.54	45.84	53.14	60.44 67.74
2.19	9.49	16.79	24.09	31.39	30	38.69	45.99	53.29	60.59 67.89
2.34	9.64	16.94	24.24	31.54	32	38.84	46.14	53.44	60.74 68.04
2.48	9.78	17.08	24.38	31.68	34	38.98	46.28	53.58	60.88 68.18
2.63	9.93	17.23	24.53	31.83	36	39.13	46.43	53.73	61.03 68.33
2.77	10.07	17.37	24.67	31.97	38	39.27	46.57	53.87	61.17 68.47
2.92	10.22	17.52	24.82	32.12	40	39.42	46.72	54.02	61.32 68.62
3.07	10.37	17.67	24.97	32.27	42	39.57	46.87	54.17	61.47 68.77
3.21	10.51	17.81	25.11	32.41	44	39.71	47.01	54.31	61.61 68.91
3.36	10.66	17.96	25.26	32.56	46	39.86	47.16	54.46	61.76 69.06
3.50	10.80	18.10	25.40	32.70	48	40.00	47.30	54.60	61.90 69.20
3.65	10.95	18.25	25.55	32.85	50	40.15	47.45	54.75	62.05 69.35

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.80	11.10	18.40	25.70	33.00	52	40.30	47.60	54.90	62.20 69.50
3.94	11.24	18.54	25.84	33.14	54	40.44	47.74	55.04	62.34 69.64
4.09	11.39	18.69	25.99	33.29	56	40.59	47.89	55.19	62.49 69.79
4.23	11.53	18.83	26.13	33.43	58	40.73	48.03	55.33	62.63 69.93
4.38	11.68	18.98	26.28	33.58	60	40.88	48.18	55.48	62.78 70.08
4.53	11.83	19.13	26.43	33.73	62	41.03	48.33	55.63	62.93 70.23
4.67	11.97	19.27	26.57	33.87	64	41.17	48.47	55.77	63.07 70.37
4.82	12.12	19.42	26.72	34.02	66	41.32	48.62	55.92	63.22 70.52
4.96	12.26	19.56	26.86	34.16	68	41.46	48.76	56.06	63.36 70.66
5.11	12.41	19.71	27.01	34.31	70	41.61	48.91	56.21	63.51 70.81
5.26	12.56	19.86	27.16	34.46	72	41.76	49.06	56.36	63.66 70.96
5.40	12.70	20.00	27.30	34.60	74	41.90	49.20	56.50	63.80 71.10
5.55	12.85	20.15	27.45	34.75	76	42.05	49.35	56.65	63.95 71.25
5.69	12.99	20.29	27.59	34.89	78	42.19	49.49	56.79	64.09 71.39
5.84	13.14	20.44	27.74	35.04	80	42.34	49.64	56.94	64.24 71.54
5.99	13.29	20.59	27.89	35.19	82	42.49	49.79	57.09	64.39 71.69
6.13	13.43	20.73	28.03	35.33	84	42.63	49.93	57.23	64.53 71.83
6.28	13.58	20.88	28.18	35.48	86	42.78	50.08	57.38	64.68 71.98
6.42	13.72	21.02	28.32	35.62	88	42.92	50.22	57.52	64.82 72.12
6.57	13.87	21.17	28.47	35.77	90	43.07	50.37	57.67	64.97 72.27
6.72	14.02	21.32	28.62	35.92	92	43.22	50.52	57.82	65.12 72.42
6.86	14.16	21.46	28.76	36.06	94	43.36	50.66	57.96	65.26 72.56
7.01	14.31	21.61	28.91	36.21	96	43.51	50.81	58.11	65.41 72.71
7.15	14.45	21.75	29.05	36.35	98	43.65	50.95	58.25	65.55 72.85

## Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
73.00	146.00	219.00	292.00		365.00	438.00	511.00	584.00	657.00
730.00	803.00	876.00	949.00	1022.00	10	1095.00	1168.00	1241.00	1314.00 1387.00
1400.00	1533.00	1606.00	1679.00	1752.00	20	1825.00	1898.00	1971.00	2044.00 2117.00



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FEET					FEET				
2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
1.00	07.33	14.65	21.98	29.30	1	36.63	43.95	51.28	58.60
01.15	07.47	14.80	22.12	29.45	2	36.77	44.10	51.42	58.75
02.29	07.62	14.94	22.27	29.59	4	36.92	44.24	51.57	58.89
03.44	07.76	15.09	22.41	29.74	6	37.06	44.39	51.71	59.04
04.59	07.91	15.24	22.56	29.89	8	37.21	44.54	51.86	59.19
06.73	8.06	15.38	22.71	30.03	10	37.36	44.68	52.01	59.33
08.88	8.20	15.53	22.85	30.18	12	37.50	44.83	52.15	59.48
11.03	8.35	15.68	23.00	30.33	14	37.65	44.98	52.30	59.63
13.17	8.50	15.82	23.15	30.47	16	37.80	45.12	52.45	59.77
15.32	8.64	15.97	23.29	30.62	18	37.94	45.27	52.59	59.92
17.47	8.79	16.12	23.44	30.77	20	38.09	45.42	52.74	60.07
19.61	8.94	16.26	23.59	30.91	22	38.24	45.56	52.89	60.21
21.76	9.08	16.41	23.73	31.06	24	38.38	45.71	53.03	60.36
23.90	9.23	16.55	23.88	31.20	26	38.53	45.85	53.18	60.50
26.05	9.38	16.70	24.03	31.35	28	38.68	46.00	53.33	60.65
28.20	9.52	16.85	24.17	31.50	30	38.82	46.15	53.47	60.80
30.34	9.67	16.99	24.32	31.64	32	38.97	46.29	53.62	60.94
32.49	9.82	17.14	24.47	31.79	34	39.12	46.44	53.77	61.09
34.64	9.96	17.29	24.61	31.94	36	39.26	46.59	53.91	61.24
36.78	10.11	17.43	24.76	32.08	38	39.41	46.73	54.06	61.38
38.93	10.26	17.58	24.91	32.23	40	39.56	46.88	54.21	61.53
41.08	10.40	17.73	25.05	32.38	42	39.70	47.03	54.35	61.68
43.22	10.55	17.87	25.20	32.52	44	39.85	47.17	54.50	61.82
45.37	10.69	18.02	25.34	32.67	46	39.99	47.32	54.64	61.97
47.52	10.84	18.17	25.49	32.82	48	40.14	47.47	54.79	62.12
49.66	10.99	18.31	25.64	32.96	50	40.29	47.61	54.94	62.26

2 to 98	100	200	300	400	feet 500	600	700	800	900
AMOUNT					AMOUNT				
1.00	11.13	18.46	25.78	33.11	52	40.43	47.76	55.08	62.41
3.96	11.28	18.61	25.93	33.26	54	40.58	47.91	55.23	62.56
4.10	11.43	18.75	26.08	33.40	56	40.73	48.05	55.38	62.70
4.25	11.57	18.90	26.22	33.55	58	40.87	48.20	55.52	62.85
4.40	11.72	19.05	26.37	33.70	60	41.02	48.35	55.67	63.00
4.54	11.87	19.19	26.52	33.84	62	41.17	48.49	55.82	63.14
4.69	12.01	19.34	26.66	33.99	64	41.31	48.64	55.96	63.29
4.83	12.16	19.48	26.81	34.13	66	41.46	48.78	56.11	63.43
4.98	12.31	19.63	26.96	34.28	68	41.61	48.93	56.26	63.58
5.13	12.45	19.78	27.10	34.43	70	41.75	49.08	56.40	63.73
5.27	12.60	19.92	27.25	34.57	72	41.90	49.22	56.55	63.87
5.42	12.75	20.07	27.40	34.72	74	42.05	49.37	56.70	64.02
5.57	12.89	20.22	27.54	34.87	76	42.19	49.52	56.84	64.17
5.71	13.04	20.36	27.69	35.01	78	42.34	49.66	56.99	64.31
5.86	13.19	20.51	27.84	35.16	80	42.49	49.81	57.14	64.46
6.01	13.33	20.66	27.98	35.31	82	42.63	49.96	57.28	64.61
6.15	13.48	20.80	28.13	35.45	84	42.78	50.10	57.43	64.75
6.30	13.62	20.95	28.27	35.60	86	42.92	50.25	57.57	64.90
6.45	13.77	21.10	28.42	35.75	88	43.07	50.40	57.72	65.05
6.59	13.92	21.24	28.57	35.89	90	43.22	50.54	57.87	65.19
6.74	14.06	21.39	28.71	36.04	92	43.36	50.69	58.01	65.34
6.89	14.21	21.54	28.86	36.19	94	43.51	50.84	58.16	65.49
7.03	14.36	21.68	29.01	36.33	96	43.66	50.98	58.31	65.63
7.18	14.50	21.83	29.15	36.48	98	43.80	51.13	58.45	65.78

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
732.50	73.25	146.50	219.75	293.00	10	306.25	439.50	572.75	706.00
1465.00	1538.25	1611.50	1684.75	1758.00	20	1098.75	1172.00	1245.25	1318.50
					30	1831.25	1904.50	1977.75	2051.00

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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
	AMOUNT					AMOUNT			
	7.35	14.70	22.05	29.40		36.75	44.10	51.45	58.80
.15	7.50	14.85	22.20	29.55	2	36.90	44.25	51.60	58.95
.29	7.64	14.99	22.34	29.69	4	37.04	44.39	51.74	59.09
.44	7.79	15.14	22.49	29.84	6	37.19	44.54	51.89	59.24
.59	7.94	15.29	22.64	29.99	8	37.34	44.69	52.04	59.39
.74	8.09	15.44	22.79	30.14	10	37.49	44.84	52.19	59.54
.88	8.23	15.58	22.93	30.28	12	37.63	44.98	52.33	59.68
1.03	8.38	15.73	23.08	30.43	14	37.78	45.13	52.48	59.83
1.18	8.53	15.88	23.23	30.58	16	37.93	45.28	52.63	59.98
1.32	8.67	16.02	23.37	30.72	18	38.07	45.42	52.77	60.12
1.47	8.82	16.17	23.52	30.87	20	38.22	45.57	52.92	60.27
1.62	8.97	16.32	23.67	31.02	22	38.37	45.72	53.07	60.42
1.76	9.11	16.46	23.81	31.16	24	38.51	45.86	53.21	60.56
1.91	9.26	16.61	23.96	31.31	26	38.66	46.01	53.36	60.71
2.06	9.41	16.76	24.11	31.46	28	38.81	46.16	53.51	60.86
2.21	9.56	16.91	24.26	31.61	30	38.96	46.31	53.66	61.01
2.35	9.70	17.05	24.40	31.75	32	39.10	46.45	53.80	61.15
2.50	9.85	17.20	24.55	31.90	34	39.25	46.60	53.95	61.30
2.65	10.00	17.35	24.70	32.05	36	39.40	46.75	54.10	61.45
2.79	10.14	17.49	24.84	32.19	38	39.54	46.89	54.24	61.59
2.94	10.29	17.64	24.99	32.34	40	39.69	47.04	54.39	61.74
3.09	10.44	17.79	25.14	32.49	42	39.84	47.19	54.54	61.89
3.23	10.58	17.93	25.28	32.63	44	39.98	47.33	54.68	62.03
3.38	10.73	18.08	25.43	32.78	46	40.13	47.48	54.83	62.18
3.53	10.88	18.23	25.58	32.93	48	40.28	47.63	54.98	62.33
3.68	11.03	18.38	25.73	33.08	50	40.43	47.78	55.13	62.48

2 10 98	100	200	300	400	feet	500	600	700	800	900
—AMOUNT—						—AMOUNT—				
3.82	11.17	18.52	25.87	33.22	52	40.57	47.92	55.27	62.62	69.97
3.97	11.32	18.67	26.02	33.37	54	40.72	48.07	55.42	62.77	70.12
4.12	11.47	18.82	26.17	33.52	56	40.87	48.22	55.57	62.92	70.27
4.26	11.61	18.96	26.31	33.66	58	41.01	48.36	55.71	63.06	70.41
4.41	11.76	19.11	26.46	33.81	60	41.16	48.51	55.86	63.21	70.56
4.56	11.91	19.26	26.61	33.96	62	41.31	48.66	56.01	63.36	70.71
4.70	12.05	19.40	26.75	34.10	64	41.45	48.80	56.15	63.50	70.85
4.85	12.20	19.55	26.90	34.25	66	41.60	48.95	56.30	63.65	71.00
5.00	12.35	19.70	27.05	34.40	68	41.75	49.10	56.45	63.80	71.15
5.15	12.50	19.85	27.20	34.55	70	41.90	49.25	56.60	63.95	71.30
5.29	12.64	19.99	27.34	34.69	72	42.04	49.39	56.74	64.09	71.44
5.44	12.79	20.14	27.49	34.84	74	42.19	49.54	56.89	64.24	71.59
5.59	12.94	20.29	27.64	34.99	76	42.34	49.69	57.04	64.39	71.74
5.73	13.08	20.43	27.78	35.13	78	42.48	49.83	57.18	64.53	71.88
5.88	13.23	20.58	27.93	35.28	80	42.63	49.98	57.33	64.68	72.03
6.03	13.38	20.73	28.08	35.43	82	42.78	50.13	57.48	64.83	72.18
6.17	13.52	20.87	28.22	35.57	84	42.92	50.27	57.62	64.97	72.32
6.32	13.67	21.02	28.37	35.72	86	43.07	50.42	57.77	65.12	72.47
6.47	13.82	21.17	28.52	35.87	88	43.22	50.57	57.92	65.27	72.62
6.62	13.97	21.32	28.67	36.02	90	43.37	50.72	58.07	65.42	72.77
6.76	14.11	21.46	28.81	36.16	92	43.51	50.86	58.21	65.56	72.91
6.91	14.26	21.61	28.96	36.31	94	43.66	51.01	58.36	65.71	73.06
7.06	14.41	21.76	29.11	36.46	96	43.81	51.16	58.51	65.86	73.21
7.20	14.55	21.90	29.25	36.60	98	43.95	51.30	58.65	66.00	73.35

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
73.50	147.00	220.50	294.00		367.50	441.00	514.50	588.00	661.50
785.00	808.50	882.00	955.50	10	1102.50	1176.00	1249.50	1323.00	1396.50
1470.00	1543.50	1617.00	1690.50	20	1837.50	1911.00	1984.50	2058.00	2131.50



FEET					FEET				
2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
7.38	14.75	22.13	29.50		36.88	44.25	51.63	59.00	66.38
1.15	7.52	14.90	22.27	29.65	2	37.02	44.40	51.77	59.15
1.30	7.67	15.05	22.42	29.80	4	37.17	44.55	51.92	59.30
1.44	7.82	15.19	22.57	29.94	6	37.32	44.69	52.07	59.44
1.59	7.97	15.34	22.72	30.09	8	37.47	44.84	52.22	59.59
1.74	8.11	15.49	22.86	30.24	10	37.61	44.99	52.36	59.74
1.89	8.26	15.64	23.01	30.39	12	37.76	45.14	52.51	59.89
1.03	8.41	15.78	23.16	30.53	14	37.91	45.28	52.66	60.03
1.18	8.56	15.93	23.31	30.68	16	38.06	45.43	52.81	60.18
1.33	8.70	16.08	23.45	30.83	18	38.20	45.58	52.95	60.33
1.48	8.85	16.23	23.60	30.98	20	38.35	45.73	53.10	60.48
1.62	9.00	16.37	23.75	31.12	22	38.50	45.87	53.25	60.62
1.77	9.15	16.52	23.90	31.27	24	38.65	46.02	53.40	60.77
1.92	9.29	16.67	24.04	31.42	26	38.79	46.17	53.54	60.92
2.07	9.44	16.82	24.19	31.57	28	38.94	46.32	53.69	61.07
2.21	9.59	16.96	24.34	31.71	30	39.09	46.46	53.84	61.21
2.36	9.74	17.11	24.49	31.86	32	39.24	46.61	53.99	61.36
2.51	9.88	17.26	24.63	32.01	34	39.38	46.76	54.13	61.51
2.66	10.03	17.41	24.78	32.16	36	39.53	46.91	54.28	61.66
2.80	10.18	17.55	24.93	32.30	38	39.68	47.05	54.43	61.80
2.95	10.33	17.70	25.08	32.45	40	39.83	47.20	54.58	61.95
3.10	10.47	17.85	25.22	32.60	42	39.97	47.35	54.72	62.10
3.25	10.62	18.00	25.37	32.75	44	40.12	47.50	54.87	62.25
3.39	10.77	18.14	25.52	32.89	46	40.27	47.64	55.02	62.39
3.54	10.92	18.29	25.67	33.04	48	40.42	47.79	55.17	62.54
3.69	11.06	18.44	25.81	33.19	50	40.56	47.94	55.31	62.69

2 to 98	100	200	300	400	500	600	700	800	900
AMOUNT					AMOUNT				
3.84	11.21	18.59	25.96	33.34	52	40.71	48.09	55.46	62.84
3.98	11.36	18.73	26.11	33.48	54	40.86	48.23	55.61	62.98
4.13	11.51	18.88	26.26	33.63	56	41.01	48.38	55.76	63.13
4.28	11.65	19.03	26.40	33.78	58	41.15	48.53	55.90	63.28
4.43	11.80	19.18	26.55	33.93	60	41.30	48.68	56.05	63.43
4.57	11.95	19.32	26.70	34.07	62	41.45	48.82	56.20	63.57
4.72	12.10	19.47	26.85	34.22	64	41.60	48.97	56.35	63.72
4.87	12.24	19.62	26.99	34.37	66	41.74	49.12	56.49	63.87
5.02	12.39	19.77	27.14	34.52	68	41.89	49.27	56.64	64.02
5.16	12.54	19.91	27.29	34.66	70	42.04	49.41	56.79	64.16
5.31	12.69	20.06	27.44	34.81	72	42.19	49.56	56.94	64.31
5.46	12.83	20.21	27.58	34.96	74	42.33	49.71	57.08	64.46
5.61	12.98	20.36	27.73	35.11	76	42.48	49.86	57.23	64.61
5.75	13.13	20.50	27.88	35.25	78	42.63	50.00	57.38	64.75
5.90	13.28	20.65	28.03	35.40	80	42.78	50.15	57.53	64.90
6.05	13.42	20.80	28.17	35.55	82	42.92	50.30	57.67	65.05
6.20	13.57	20.95	28.32	35.70	84	43.07	50.45	57.82	65.20
6.34	13.72	21.09	28.47	35.84	86	43.22	50.59	57.97	65.34
6.49	13.87	21.24	28.62	35.99	88	43.37	50.74	58.12	65.49
6.64	14.01	21.39	28.76	36.14	90	43.51	50.89	58.26	65.64
6.79	14.16	21.54	28.91	36.29	92	43.66	51.04	58.41	65.79
6.93	14.31	21.68	29.06	36.43	94	43.81	51.18	58.56	65.93
7.08	14.46	21.83	29.21	36.58	96	43.96	51.33	58.71	66.08
7.23	14.60	21.98	29.35	36.73	98	44.10	51.48	58.85	66.23

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
73.75	147.50	221.25	295.00		368.75	442.50	516.25	590.00	663.75
737.50	811.25	885.00	958.75	1032.50	10	1106.25	1180.00	1253.75	1327.50
1475.00	1548.75	1622.50	1696.25	1770.00	20	1843.75	1917.50	1991.25	2065.00

FEET									
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
	7.40	14.80	22.20	29.60		37.00	44.40	51.80	59.20 66.60
.15	7.55	14.95	22.35	29.75	2	37.15	44.55	51.95	59.35 66.75
.30	7.70	15.10	22.50	29.90	4	37.30	44.70	52.10	59.50 66.90
.44	7.84	15.24	22.64	30.04	6	37.44	44.84	52.24	59.64 67.04
.59	7.99	15.39	22.79	30.19	8	37.59	44.99	52.39	59.79 67.19
.74	8.14	15.54	22.94	30.34	10	37.74	45.14	52.54	59.94 67.34
.89	8.29	15.69	23.09	30.49	12	37.89	45.29	52.69	60.09 67.49
1.04	8.44	15.84	23.24	30.64	14	38.04	45.44	52.84	60.24 67.64
1.18	8.58	15.98	23.38	30.78	16	38.18	45.58	52.98	60.38 67.78
1.33	8.73	16.13	23.53	30.93	18	38.33	45.73	53.13	60.53 67.93
1.48	8.88	16.28	23.68	31.08	20	38.48	45.88	53.28	60.68 68.08
1.63	9.03	16.43	23.83	31.23	22	38.63	46.03	53.43	60.83 68.23
1.78	9.18	16.58	23.98	31.38	24	38.78	46.18	53.58	60.98 68.38
1.92	9.32	16.72	24.12	31.52	26	38.92	46.32	53.72	61.12 68.52
2.07	9.47	16.87	24.27	31.67	28	39.07	46.47	53.87	61.27 68.67
2.22	9.62	17.02	24.42	31.82	30	39.22	46.62	54.02	61.42 68.82
2.37	9.77	17.17	24.57	31.97	32	39.37	46.77	54.17	61.57 68.97
2.52	9.92	17.32	24.72	32.12	34	39.52	46.92	54.32	61.72 69.12
2.66	10.06	17.46	24.86	32.26	36	39.66	47.06	54.46	61.86 69.26
2.81	10.21	17.61	25.01	32.41	38	39.81	47.21	54.61	62.01 69.41
2.96	10.36	17.76	25.16	32.56	40	39.96	47.36	54.76	62.16 69.56
3.11	10.51	17.91	25.31	32.71	42	40.11	47.51	54.91	62.31 69.71
3.26	10.66	18.06	25.46	32.86	44	40.26	47.66	55.06	62.46 69.86
3.40	10.80	18.20	25.60	33.00	46	40.40	47.80	55.20	62.60 70.00
3.55	10.95	18.35	25.75	33.15	48	40.55	47.95	55.35	62.75 70.15
3.70	11.10	18.50	25.90	33.30	50	40.70	48.10	55.50	62.90 70.30

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.85	11.25	18.65	26.05	33.45	52	40.85	48.25	55.65	63.05 70.45
4.00	11.40	18.80	26.20	33.60	54	41.00	48.40	55.80	63.20 70.60
4.14	11.54	18.94	26.34	33.74	56	41.14	48.54	55.94	63.34 70.74
4.29	11.69	19.09	26.49	33.89	58	41.29	48.69	56.09	63.49 70.89
4.44	11.84	19.24	26.64	34.04	60	41.44	48.84	56.24	63.64 71.04
4.59	11.99	19.39	26.79	34.19	62	41.59	48.99	56.39	63.79 71.19
4.74	12.14	19.54	26.94	34.34	64	41.74	49.14	56.54	63.94 71.34
4.88	12.28	19.68	27.08	34.48	66	41.88	49.28	56.68	64.08 71.48
5.03	12.43	19.83	27.23	34.63	68	42.03	49.43	56.83	64.23 71.63
5.18	12.58	19.98	27.38	34.78	70	42.18	49.58	56.98	64.38 71.78
5.33	12.73	20.13	27.53	34.93	72	42.33	49.73	57.13	64.53 71.93
5.48	12.88	20.28	27.68	35.08	74	42.48	49.88	57.28	64.68 72.08
5.62	13.02	20.42	27.82	35.22	76	42.62	50.02	57.42	64.82 72.22
5.77	13.17	20.57	27.97	35.37	78	42.77	50.17	57.57	64.97 72.37
5.92	13.32	20.72	28.12	35.52	80	42.92	50.32	57.72	65.12 72.52
6.07	13.47	20.87	28.27	35.67	82	43.07	50.47	57.87	65.27 72.67
6.22	13.62	21.02	28.42	35.82	84	43.22	50.62	58.02	65.42 72.82
6.36	13.76	21.16	28.56	35.96	86	43.36	50.76	58.16	65.56 72.96
6.51	13.91	21.31	28.71	36.11	88	43.51	50.91	58.31	65.71 73.11
6.66	14.06	21.46	28.86	36.26	90	43.66	51.06	58.46	65.86 73.26
6.81	14.21	21.61	29.01	36.41	92	43.81	51.21	58.61	66.01 73.41
6.96	14.36	21.76	29.16	36.56	94	43.96	51.36	58.76	66.16 73.56
7.10	14.50	21.90	29.30	36.70	96	44.10	51.50	58.90	66.30 73.70
7.25	14.65	22.05	29.45	36.85	98	44.25	51.65	59.05	66.45 73.85

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
74.00	143.00	222.00	296.00		370.00	444.00	518.00	592.00	666.00
740.00	814.00	888.00	962.00	10	1110.00	1184.00	1258.00	1332.00	1406.00
1480.00	1554.00	1628.00	1702.00	20	1850.00	1924.00	1998.00	2072.00	2146.00



FEET									
2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
7.43	14.85	22.28	29.70		37.13	44.55	51.98	59.40	66.83
15	7.57	15.00	22.42	29.85	2	37.27	44.70	52.12	59.55 66.97
30	7.72	15.15	22.57	30.00	4	37.42	44.85	52.27	59.70 67.12
45	7.87	15.30	22.72	30.15	6	37.57	45.00	52.42	59.85 67.27
59	8.02	15.44	22.87	30.29	8	37.72	45.14	52.57	59.99 67.42
74	8.17	15.59	23.02	30.44	10	37.87	45.29	52.72	60.14 67.57
89	8.32	15.74	23.17	30.59	12	38.02	45.44	52.87	60.29 67.72
104	8.46	15.89	23.31	30.74	14	38.16	45.59	53.01	60.44 67.86
119	8.61	16.04	23.46	30.89	16	38.31	45.74	53.16	60.59 68.01
134	8.76	16.19	23.61	31.04	18	38.46	45.89	53.31	60.74 68.16
149	8.91	16.34	23.76	31.19	20	38.61	46.04	53.46	60.89 68.31
163	9.06	16.48	23.91	31.33	22	38.76	46.18	53.61	61.03 68.46
178	9.21	16.63	24.06	31.48	24	38.91	46.33	53.76	61.18 68.61
193	9.36	16.78	24.21	31.63	26	39.06	46.48	53.91	61.33 68.76
208	9.50	16.93	24.35	31.78	28	39.20	46.63	54.05	61.48 68.90
223	9.65	17.08	24.50	31.93	30	39.35	46.78	54.20	61.63 69.05
238	9.80	17.23	24.65	32.08	32	39.50	46.93	54.35	61.78 69.20
252	9.95	17.37	24.80	32.22	34	39.65	47.07	54.50	61.92 69.35
267	10.10	17.52	24.95	32.37	36	39.80	47.22	54.65	62.07 69.50
282	10.25	17.67	25.10	32.52	38	39.95	47.37	54.80	62.22 69.65
297	10.40	17.82	25.25	32.67	40	40.10	47.52	54.95	62.37 69.80
312	10.54	17.97	25.39	32.82	42	40.24	47.67	55.09	62.52 69.94
327	10.69	18.12	25.54	32.97	44	40.39	47.82	55.24	62.67 70.09
342	10.84	18.27	25.69	33.12	46	40.54	47.97	55.39	62.82 70.24
356	10.99	18.41	25.84	33.26	48	40.69	48.11	55.54	62.96 70.39
371	11.14	18.56	25.99	33.41	50	40.84	48.26	55.69	63.11 70.54

2 to 98	100	200	300	400	feet	500	600	700	800 900
AMOUNT					AMOUNT				
3.86	11.29	18.71	26.14	33.56	52	40.99	48.41	55.84	63.26 70.69
4.01	11.43	18.86	26.28	33.71	54	41.13	48.56	55.98	63.41 70.83
4.16	11.58	19.01	26.43	33.86	56	41.28	48.71	56.13	63.56 70.98
4.31	11.73	19.16	26.58	34.01	58	41.43	48.86	56.28	63.71 71.13
4.46	11.88	19.31	26.73	34.16	60	41.58	49.01	56.43	63.86 71.28
4.60	12.03	19.45	26.88	34.30	62	41.73	49.15	56.58	64.00 71.43
4.75	12.18	19.60	27.03	34.45	64	41.88	49.30	56.73	64.15 71.58
4.90	12.33	19.75	27.18	34.60	66	42.03	49.45	56.88	64.30 71.73
5.05	12.47	19.90	27.32	34.75	68	42.17	49.60	57.02	64.45 71.87
5.20	12.62	20.05	27.47	34.90	70	42.32	49.75	57.17	64.60 72.02
5.35	12.77	20.20	27.62	35.05	72	42.47	49.90	57.32	64.75 72.17
5.49	12.92	20.34	27.77	35.19	74	42.62	50.04	57.47	64.89 72.32
5.64	13.07	20.49	27.92	35.34	76	42.77	50.19	57.62	65.04 72.47
5.79	13.22	20.64	28.07	35.49	78	42.92	50.34	57.77	65.19 72.62
5.94	13.37	20.79	28.22	35.64	80	43.07	50.49	57.92	65.34 72.77
6.09	13.51	20.94	28.36	35.79	82	43.21	50.64	58.06	65.49 72.91
6.24	13.66	21.09	28.51	35.94	84	43.36	50.79	58.21	65.64 73.06
6.39	13.81	21.24	28.66	36.09	86	43.51	50.94	58.36	65.79 73.21
6.53	13.96	21.38	28.81	36.23	88	43.66	51.08	58.51	65.93 73.36
6.68	14.11	21.53	28.96	36.38	90	43.81	51.23	58.66	66.08 73.51
6.83	14.26	21.68	29.11	36.53	92	43.96	51.38	58.81	66.23 73.66
6.98	14.40	21.83	29.25	36.68	94	44.10	51.53	58.95	66.38 73.80
7.13	14.55	21.98	29.40	36.83	96	44.25	51.68	59.10	66.53 73.95
7.28	14.70	22.13	29.55	36.98	98	44.40	51.83	59.25	66.68 74.10

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
74.25	148.50	222.75	297.00		371.25	445.50	519.75	594.00	668.25
742.50	816.75	891.00	965.25	1039.50	10	1113.75	1188.00	1262.25	1336.50
1485.00	1559.25	1633.50	1707.75	1782.00	20	1856.25	1930.50	2004.75	2079.00
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FEET					FEET				
2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
	7.45	14.90	22.35	29.80		37.25	44.70	52.15	59.60 67.05
.15	7.60	15.05	22.50	29.95	2	37.40	44.85	52.30	59.75 67.20
.30	7.75	15.20	22.65	30.10	4	37.55	45.00	52.45	59.90 67.35
.45	7.90	15.35	22.80	30.25	6	37.70	45.15	52.60	60.05 67.50
.60	8.05	15.50	22.95	30.40	8	37.85	45.30	52.75	60.20 67.65
.75	8.20	15.65	23.10	30.55	10	38.00	45.45	52.90	60.35 67.80
.89	8.34	15.79	23.24	30.69	12	38.14	45.59	53.04	60.49 67.94
1.04	8.49	15.94	23.39	30.84	14	38.29	45.74	53.19	60.64 68.09
1.19	8.64	16.09	23.54	30.99	16	38.44	45.89	53.34	60.79 68.24
1.34	8.79	16.24	23.69	31.14	18	38.59	46.04	53.49	60.94 68.39
1.49	8.94	16.39	23.84	31.29	20	38.74	46.19	53.64	61.09 68.54
1.64	9.09	16.54	23.99	31.44	22	38.89	46.34	53.79	61.24 68.69
1.79	9.24	16.69	24.14	31.59	24	39.04	46.49	53.94	61.39 68.84
1.94	9.39	16.84	24.29	31.74	26	39.19	46.64	54.09	61.54 68.99
2.09	9.54	16.99	24.44	31.89	28	39.34	46.79	54.24	61.69 69.14
2.24	9.69	17.14	24.59	32.04	30	39.49	46.94	54.39	61.84 69.29
2.38	9.83	17.28	24.73	32.18	32	39.63	47.08	54.53	61.98 69.43
2.53	9.98	17.43	24.88	32.33	34	39.78	47.23	54.68	62.13 69.58
2.68	10.13	17.58	25.03	32.48	36	39.93	47.38	54.83	62.28 69.73
2.83	10.28	17.73	25.18	32.63	38	40.08	47.53	54.98	62.43 69.88
2.98	10.43	17.88	25.33	32.78	40	40.23	47.68	55.13	62.58 70.03
3.13	10.58	18.03	25.48	32.93	42	40.38	47.83	55.28	62.73 70.18
3.28	10.73	18.18	25.63	33.08	44	40.53	47.98	55.43	62.88 70.33
3.43	10.88	18.33	25.78	33.23	46	40.68	48.13	55.58	63.03 70.48
3.58	11.03	18.48	25.93	33.38	48	40.83	48.28	55.73	63.18 70.63
3.73	11.18	18.63	26.08	33.53	50	40.98	48.43	55.88	63.33 70.78

2 to 98	100	200	300	400 feet	500	600	700	800	900
AMOUNT					AMOUNT				
3.87	11.32	18.77	26.22	33.67	52	41.12	48.57	56.02	63.47 70.92
4.02	11.47	18.92	26.37	33.82	54	41.27	48.72	56.17	63.62 71.07
4.17	11.62	19.07	26.52	33.97	56	41.42	48.87	56.32	63.77 71.22
4.32	11.77	19.22	26.67	34.12	58	41.57	49.02	56.47	63.92 71.37
4.47	11.92	19.37	26.82	34.27	60	41.72	49.17	56.62	64.07 71.52
4.62	12.07	19.52	26.97	34.42	62	41.87	49.32	56.77	64.22 71.67
4.77	12.22	19.67	27.12	34.57	64	42.02	49.47	56.92	64.37 71.82
4.92	12.37	19.82	27.27	34.72	66	42.17	49.62	57.07	64.52 71.97
5.07	12.52	19.97	27.42	34.87	68	42.32	49.77	57.22	64.67 72.12
5.22	12.67	20.12	27.57	35.02	70	42.47	49.92	57.37	64.82 72.27
5.36	12.81	20.26	27.71	35.16	72	42.61	50.06	57.51	64.96 72.41
5.51	12.96	20.41	27.86	35.31	74	42.76	50.21	57.66	65.11 72.56
5.66	13.11	20.56	28.01	35.46	76	42.91	50.36	57.81	65.26 72.71
5.81	13.26	20.71	28.16	35.61	78	43.06	50.51	57.96	65.41 72.86
5.96	13.41	20.86	28.31	35.76	80	43.21	50.66	58.11	65.56 73.01
6.11	13.56	21.01	28.46	35.91	82	43.36	50.81	58.26	65.71 73.16
6.26	13.71	21.16	28.61	36.06	84	43.51	50.96	58.41	65.86 73.31
6.41	13.86	21.31	28.76	36.21	86	43.66	51.11	58.56	66.01 73.46
6.56	14.01	21.46	28.91	36.36	88	43.81	51.26	58.71	66.16 73.61
6.71	14.16	21.61	29.06	36.51	90	43.96	51.41	58.86	66.31 73.76
6.85	14.30	21.75	29.20	36.65	92	44.10	51.55	59.00	66.45 73.90
7.00	14.45	21.90	29.35	36.80	94	44.25	51.70	59.15	66.60 74.05
7.15	14.60	22.05	29.50	36.95	96	44.40	51.85	59.30	66.75 74.20
7.30	14.75	22.20	29.65	37.10	98	44.55	52.00	59.45	66.90 74.35

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
74.50	149.00	223.50	298.00		372.50	447.00	521.50	596.00	670.50
745.00	819.50	894.00	968.50	1043.00	10	1117.50	1192.00	1266.50	1341.00
1400.00	1564.50	1639.00	1713.50	1788.00	20	1862.50	1937.00	2011.50	2086.00



FEET					FEET					
2 to 98	100	200	300	400 feet	500	600	700	800	900	
AMOUNT					AMOUNT					
	7.48	14.95	22.43	29.90		37.38	44.85	52.33	59.80	67.28
.15	7.62	15.10	22.57	30.05	2	37.52	45.00	52.47	59.95	67.42
.30	7.77	15.25	22.72	30.20	4	37.67	45.15	52.62	60.10	67.57
.45	7.92	15.40	22.87	30.35	6	37.82	45.30	52.77	60.25	67.72
.60	8.07	15.55	23.02	30.50	8	37.97	45.45	52.92	60.40	67.87
.75	8.22	15.70	23.17	30.65	10	38.12	45.60	53.07	60.55	68.02
.90	8.37	15.85	23.32	30.80	12	38.27	45.75	53.22	60.70	68.17
1.05	8.52	16.00	23.47	30.95	14	38.42	45.90	53.37	60.85	68.32
1.20	8.67	16.15	23.62	31.10	16	38.57	46.05	53.52	61.00	68.47
1.35	8.82	16.30	23.77	31.25	18	38.72	46.20	53.67	61.15	68.62
1.50	8.97	16.45	23.92	31.40	20	38.87	46.35	53.82	61.30	68.77
1.64	9.12	16.59	24.07	31.54	22	39.02	46.49	53.97	61.44	68.92
1.79	9.27	16.74	24.22	31.69	24	39.17	46.64	54.12	61.59	69.07
1.94	9.42	16.89	24.37	31.84	26	39.32	46.79	54.27	61.74	69.22
2.09	9.57	17.04	24.52	31.99	28	39.47	46.94	54.42	61.89	69.37
2.24	9.72	17.19	24.67	32.14	30	39.62	47.09	54.57	62.04	69.52
2.39	9.87	17.34	24.82	32.29	32	39.77	47.24	54.72	62.19	69.67
2.54	10.02	17.49	24.97	32.44	34	39.92	47.39	54.87	62.34	69.82
2.69	10.17	17.64	25.12	32.59	36	40.07	47.54	55.02	62.49	69.97
2.84	10.32	17.79	25.27	32.74	38	40.22	47.69	55.17	62.64	70.12
2.99	10.47	17.94	25.42	32.89	40	40.37	47.84	55.32	62.79	70.27
3.14	10.61	18.09	25.56	33.04	42	40.51	47.99	55.46	62.94	70.41
3.29	10.76	18.24	25.71	33.19	44	40.66	48.14	55.61	63.09	70.56
3.44	10.91	18.39	25.86	33.34	46	40.81	48.29	55.76	63.24	70.71
3.59	11.06	18.54	26.01	33.49	48	40.96	48.44	55.91	63.39	70.86
3.74	11.21	18.69	26.16	33.64	50	41.11	48.59	56.06	63.54	71.01

2 to 98	100	200	300	400	feet	500	600	700	800	900
AMOUNT						AMOUNT				
3.89	11.36	18.84	26.31	33.79	52	41.26	48.74	56.21	63.69	71.16
4.04	11.51	18.99	26.46	33.94	54	41.41	48.89	56.36	63.84	71.31
4.19	11.66	19.14	26.61	34.09	56	41.56	49.04	56.51	63.99	71.46
4.34	11.81	19.29	26.76	34.24	58	41.71	49.19	56.66	64.14	71.61
4.49	11.96	19.44	26.91	34.39	60	41.86	49.34	56.81	64.29	71.76
4.63	12.11	19.58	27.06	34.53	62	42.01	49.48	56.96	64.43	71.91
4.78	12.26	19.73	27.21	34.68	64	42.16	49.63	57.11	64.58	72.06
4.93	12.41	19.88	27.36	34.83	66	42.31	49.78	57.26	64.73	72.21
5.08	12.56	20.03	27.51	34.98	68	42.46	49.93	57.41	64.88	72.36
5.23	12.71	20.18	27.66	35.13	70	42.61	50.08	57.56	65.03	72.51
5.38	12.86	20.33	27.81	35.28	72	42.76	50.23	57.71	65.18	72.66
5.53	13.01	20.48	27.96	35.43	74	42.91	50.38	57.86	65.33	72.81
5.68	13.16	20.63	28.11	35.58	76	43.06	50.53	58.01	65.48	72.96
5.83	13.31	20.78	28.26	35.73	78	43.21	50.68	58.16	65.63	73.11
5.98	13.46	20.93	28.41	35.88	80	43.36	50.83	58.31	65.78	73.26
6.13	13.60	21.08	28.55	36.03	82	43.50	50.98	58.45	65.93	73.40
6.28	13.75	21.23	28.70	36.18	84	43.65	51.13	58.60	66.08	73.55
6.43	13.90	21.38	28.85	36.33	86	43.80	51.28	58.75	66.23	73.70
6.58	14.05	21.53	29.00	36.48	88	43.95	51.43	58.90	66.38	73.85
6.73	14.20	21.68	29.15	36.63	90	44.10	51.58	59.05	66.53	74.00
6.88	14.35	21.83	29.30	36.78	92	44.25	51.73	59.20	66.68	74.15
7.03	14.50	21.98	29.45	36.93	94	44.40	51.88	59.35	66.83	74.30
7.18	14.65	22.13	29.60	37.08	96	44.55	52.03	59.50	66.98	74.45
7.33	14.80	22.28	29.75	37.23	98	44.70	52.18	59.65	67.13	74.60

Above 1M.

M FEET						M FEET				
1	2	3	4	M		5	6	7	8	9
AMOUNT						AMOUNT				
74.75	149.50	224.25	299.00			373.75	448.50	523.25	598.00	672.75
747.50	822.25	897.00	971.75	1046.50	10	1121.25	1196.00	1270.75	1345.50	1420.25
1495.00	1569.75	1644.50	1719.25	1794.00	20	1868.75	1943.50	2018.25	2093.00	2167.75

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2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
	7.50	15.00	22.50	30.00	1	37.50	45.00	52.50	60.00	67.50
.15	7.65	15.15	22.65	30.15	2	37.65	45.15	52.65	60.15	67.65
.30	7.80	15.30	22.80	30.30	4	37.80	45.30	52.80	60.30	67.80
.45	7.95	15.45	22.95	30.45	6	37.95	45.45	52.95	60.45	67.95
.60	8.10	15.60	23.10	30.60	8	38.10	45.60	53.10	60.60	68.10
.75	8.25	15.75	23.25	30.75	10	38.25	45.75	53.25	60.75	68.25
.90	8.40	15.90	23.40	30.90	12	38.40	45.90	53.40	60.90	68.40
1.05	8.55	16.05	23.55	31.05	14	38.55	46.05	53.55	61.05	68.55
1.20	8.70	16.20	23.70	31.20	16	38.70	46.20	53.70	61.20	68.70
1.35	8.85	16.35	23.85	31.35	18	38.85	46.35	53.85	61.35	68.85
1.50	9.00	16.50	24.00	31.50	20	39.00	46.50	54.00	61.50	69.00
1.65	9.15	16.65	24.15	31.65	22	39.15	46.65	54.15	61.65	69.15
1.80	9.30	16.80	24.30	31.80	24	39.30	46.80	54.30	61.80	69.30
1.95	9.45	16.95	24.45	31.95	26	39.45	46.95	54.45	61.95	69.45
2.10	9.60	17.10	24.60	32.10	28	39.60	47.10	54.60	62.10	69.60
2.25	9.75	17.25	24.75	32.25	30	39.75	47.25	54.75	62.25	69.75
2.40	9.90	17.40	24.90	32.40	32	39.90	47.40	54.90	62.40	69.90
2.55	10.05	17.55	25.05	32.55	34	40.05	47.55	55.05	62.55	70.05
2.70	10.20	17.70	25.20	32.70	36	40.20	47.70	55.20	62.70	70.20
2.85	10.35	17.85	25.35	32.85	38	40.35	47.85	55.35	62.85	70.35
3.00	10.50	18.00	25.50	33.00	40	40.50	48.00	55.50	63.00	70.50
3.15	10.65	18.15	25.65	33.15	42	40.65	48.15	55.65	63.15	70.65
3.30	10.80	18.30	25.80	33.30	44	40.80	48.30	55.80	63.30	70.80
3.45	10.95	18.45	25.95	33.45	46	40.95	48.45	55.95	63.45	70.95
3.60	11.10	18.60	26.10	33.60	48	41.10	48.60	56.10	63.60	71.10
3.75	11.25	18.75	26.25	33.75	50	41.25	48.75	56.25	63.75	71.25

2 to 98	FEET					FEET				
	100	200	300	400	feet	500	600	700	800	900
	AMOUNT					AMOUNT				
3.90	11.40	18.90	26.40	33.90	52	41.40	48.90	56.40	63.90	71.40
4.05	11.55	19.05	26.55	34.05	54	41.55	49.05	56.55	64.05	71.55
4.20	11.70	19.20	26.70	34.20	56	41.70	49.20	56.70	64.20	71.70
4.35	11.85	19.35	26.85	34.35	58	41.85	49.35	56.85	64.35	71.85
4.50	12.00	19.50	27.00	34.50	60	42.00	49.50	57.00	64.50	72.00
4.65	12.15	19.65	27.15	34.65	62	42.15	49.65	57.15	64.65	72.15
4.80	12.30	19.80	27.30	34.80	64	42.30	49.80	57.30	64.80	72.30
4.95	12.45	19.95	27.45	34.95	66	42.45	49.95	57.45	64.95	72.45
5.10	12.60	20.10	27.60	35.10	68	42.60	50.10	57.60	65.10	72.60
5.25	12.75	20.25	27.75	35.25	70	42.75	50.25	57.75	65.25	72.75
5.40	12.90	20.40	27.90	35.40	72	42.90	50.40	57.90	65.40	72.90
5.55	13.05	20.55	28.05	35.55	74	43.05	50.55	58.05	65.55	73.05
5.70	13.20	20.70	28.20	35.70	76	43.20	50.70	58.20	65.70	73.20
5.85	13.35	20.85	28.35	35.85	78	43.35	50.85	58.35	65.85	73.35
6.00	13.50	21.00	28.50	36.00	80	43.50	51.00	58.50	66.00	73.50
6.15	13.65	21.15	28.65	36.15	82	43.65	51.15	58.65	66.15	73.65
6.30	13.80	21.30	28.80	36.30	84	43.80	51.30	58.80	66.30	73.80
6.45	13.95	21.45	28.95	36.45	86	43.95	51.45	58.95	66.45	73.95
6.60	14.10	21.60	29.10	36.60	88	44.10	51.60	59.10	66.60	74.10
6.75	14.25	21.75	29.25	36.75	90	44.25	51.75	59.25	66.75	74.25
6.90	14.40	21.90	29.40	36.90	92	44.40	51.90	59.40	66.90	74.40
7.05	14.55	22.05	29.55	37.05	94	44.55	52.05	59.55	67.05	74.55
7.20	14.70	22.20	29.70	37.20	96	44.70	52.20	59.70	67.20	74.70
7.35	14.85	22.35	29.85	37.35	98	44.85	52.35	59.85	67.35	74.85

Above 1M.

M FEET					M FEET				
1	2	3	4	M	5	6	7	8	9
AMOUNT					AMOUNT				
75.00	150.00	225.00	300.00	10	375.00	450.00	525.00	600.00	675.00
760.00	825.00	900.00	975.00	10	1125.00	1200.00	1275.00	1350.00	1425.00
1500.00	1575.00	1650.00	1725.00	20	1375.00	1950.00	2025.00	2100.00	2175.00



# Rafters and Gables.

Width of Building	FOURTH PITCH				THIRD PITCH				HALF PITCH			
	Length of Rafter		From Plate to Comb		Length of Rafter		From Plate to Comb		Length of Rafter		From Plate to Comb	
	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.	ft.	in.
6	3	4	1	6	9	3	7	2	0	12	4	3
7	3	11	1	9	12	4	0	2	4	16	5	0
8	4	6	2	0	16	4	10	2	8	21	5	8
9	5	0	2	3	20	5	5	3	0	27	6	5
10	5	7	2	6	25	6	0	3	4	33	7	1
12	6	8	3	0	36	7	2	4	0	48	8	6
14	7	10	3	6	49	8	5	4	8	65	9	11
16	9	0	4	0	64	9	7	5	4	85	11	4
18	10	1	4	6	81	10	10	6	0	108	12	9
20	11	2	5	0	100	12	0	6	8	133	14	2
22	12	4	5	6	121	13	2	7	4	161	15	7
24	13	5	6	0	144	14	5	8	0	192	17	0
26	14	6	6	6	169	15	7	8	8	225	18	6
28	15	8	7	0	196	16	10	9	4	261	19	11
30	16	9	7	6	225	18	0	10	0	300	21	4
32	17	11	8	0	256	19	2	10	8	341	22	9

To the lengths of rafters above given, must be added the desired projection for cornice. Add also to make stock lengths.

For length of rafter on one-way roofs, take the rafter given for double the width, thus: The rafter for a one-way roof on a building 10 feet wide, 4th pitch, is that given for 20 feet wide, or 11 feet 2 inches.

In area of gable above given no allowance is made for waste or laps.

To verify above or obtain length of rafters for buildings of other widths than above given, multiply the width of building by .559 for 4th pitch; by .6 for 3d pitch and by .71 for half pitch.

## Round Tanks.

Gallons	Inside Diameter	Length of Stave	Pieces of 2 x 6 Required for Sides		Diameter	Pieces of 2 x 12 Required for Bottom		Pieces of 2 x 10 Required for Bottom	
			Pieces	ft. in.		Pieces	ft. in.	Pieces	ft. in.
353	6	2 0	42	2 0	6	2	6 0	4	6 0
458	6	2 6	42	2 6		2	5 6	4	5 0
1198	6	6 0	42	6 0		2	4 4		
480	7	2 0	50	2 0	7	3	7 0	5	7 0
624	7	2 6	50	2 6		2	6 3	2	6 3
						2	5 0	2	4 8
627	8	2 0	55	2 0	8	4	8 0	6	8 0
815	8	2 6	55	2 6		2	7 0	2	7 6
2130	8	6 0	55	6 0		2	5 3	2	6 6
					10	2	10 0	6	10 0
979	10	2 0	70	2 0		2	9 9	2	9 0
1273	10	2 6	70	2 6		2	9 3	2	8 0
3320	10	6 0	70	6 0	12	2	8 0	2	6 0
						2	6 0		
1883	12	2 6	85	2 6		6	12 0		
6180	12	8 0	85	8 0		2	10 4		
						2	8 9		
						2	16 6		
1003	8	3 0	55	3 0					

In estimating capacity of above, 4 inches is deducted from length of stave, making a 7 foot tank twenty inches deep inside. Tanks same width top and bottom.

For 1 x 1, + 3.

 $1\frac{1}{2} \times 2$ 

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	6	7	8	9
FEET						FEET				
2½	3	3½	4	4½	1	5	1½	1¾	2	2½
5	6	7	8	9	2	10	3	4	4	5
8	9	11	12	14	3	15	5	5	6	7
10	12	14	16	18	4	20	6	7	8	9
13	15	18	20	23	5	25	8	9	10	11
15	18	21	24	27	6	30	9	11	12	14
18	21	25	28	32	7	35	11	12	14	16
20	24	28	32	36	8	40	12	14	16	18
23	27	32	36	41	9	45	14	16	18	20
25	30	35	40	45	10	50	15	18	20	23
28	33	39	44	50	11	55	17	19	22	25
30	36	42	48	54	12	60	18	21	24	27
33	39	46	52	59	13	65	20	23	26	29
35	42	49	56	63	14	70	21	25	28	32
38	45	53	60	68	15	75	23	26	30	34
40	48	56	64	72	16	80	24	28	32	36
43	51	60	68	77	17	85	26	30	34	38
45	54	63	72	81	18	90	27	32	36	41
48	57	67	76	86	19	95	29	33	38	43
50	60	70	80	90	20	100	30	35	40	45
53	63	74	84	95	21	105	32	37	42	47
55	66	77	88	99	22	110	33	39	44	50
58	69	81	92	104	23	115	35	40	46	52
60	72	84	96	108	24	120	36	42	48	54
63	75	88	100	113	25	125	38	44	50	56
10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
65	78	91	104	117	26	130	39	46	52	59
68	81	95	108	122	27	135	41	47	54	61
70	84	98	112	126	28	140	42	49	56	63
73	87	102	116	131	29	145	44	51	58	65
75	90	105	120	135	30	150	45	53	60	68
78	93	109	124	140	31	155	47	54	62	70
80	96	112	128	144	32	160	48	56	64	72
83	99	116	132	149	33	165	50	58	66	74
85	102	119	136	153	34	170	51	60	68	77
88	105	123	140	158	35	175	53	61	70	79
90	108	126	144	162	36	180	54	63	72	81
93	111	130	148	167	37	185	56	65	74	83
95	114	133	152	171	38	190	57	67	76	86
98	117	137	156	176	39	195	59	68	78	88
100	120	140	160	180	40	200	60	70	80	90
103	123	144	164	185	41	205	62	72	82	92
105	126	147	168	189	42	210	63	74	84	95
108	129	151	172	194	43	215	65	75	86	97
110	132	154	176	198	44	220	66	77	88	99
113	135	158	180	203	45	225	68	79	90	101
115	138	161	184	207	46	230	69	81	92	104
118	141	165	188	212	47	235	71	82	94	106
120	144	168	192	216	48	240	72	84	96	108
123	147	172	196	221	49	245	74	86	98	110
125	150	175	200	225	50	250	75	88	100	113
10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
500	600	700	800	900	200	1000	300	350	400	450
750	900	1050	1200	1350	300	1500	450	525	600	675
1000	1200	1400	1600	1800	400	2000	600	700	800	900
1250	1500	1750	2000	2250	500	2500	750	875	1000	1125
1500	1800	2100	2400	2700	600	3000	900	1050	1200	1350

\*Or 1 x 6 and 1½ x 4, half above lengths.



For 1 x 1, ÷ 3.

1 x 3,\*

1½ x 2

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	22	24	26	28
FEET						FEET				
128	153	179	204	230	51	255	277	299	321	343
130	156	182	208	234	52	260	283	306	329	352
133	159	186	212	239	53	265	289	312	335	358
135	162	189	216	243	54	270	294	317	340	363
138	165	193	220	248	55	275	299	322	345	368
140	168	196	224	252	56	280	304	327	350	373
143	171	200	228	257	57	285	309	332	355	378
145	174	203	232	261	58	290	314	337	360	383
148	177	207	236	266	59	295	319	342	365	388
150	180	210	240	270	60	300	324	347	370	393
153	183	214	244	275	61	305	329	352	375	398
155	186	217	248	279	62	310	334	357	380	403
158	189	221	252	284	63	315	339	362	385	408
160	192	224	256	288	64	320	344	367	390	413
163	195	228	260	293	65	325	349	372	395	418
165	198	231	264	297	66	330	354	377	400	423
168	201	235	268	302	67	335	359	382	405	428
170	204	238	272	306	68	340	364	387	410	433
173	207	242	276	311	69	345	369	392	415	438
175	210	245	280	315	70	350	374	397	420	443
178	213	249	284	320	71	355	379	402	425	448
180	216	252	288	324	72	360	384	407	430	453
183	219	256	292	329	73	365	389	412	435	458
185	222	259	296	333	74	370	394	417	440	463
188	225	263	300	338	75	375	399	422	445	468

10	12	14	16	18	Pieces	20	22	24	26	28
FEET						FEET				
190	228	266	304	342	76	380	418	456	494	532
193	231	270	308	347	77	385	423	461	499	537
195	234	273	312	351	78	390	428	466	504	542
198	237	277	316	356	79	395	433	471	509	547
200	240	280	320	360	80	400	438	476	514	552
203	243	284	324	365	81	405	443	481	519	557
205	246	287	328	369	82	410	448	486	524	562
208	249	291	332	374	83	415	453	491	529	567
210	252	294	336	378	84	420	458	496	534	572
213	255	298	340	383	85	425	463	501	539	577
215	258	301	344	387	86	430	468	506	544	582
218	261	305	348	392	87	435	473	511	549	587
220	264	308	352	396	88	440	478	516	554	592
223	267	312	356	401	89	445	483	521	559	597
225	270	315	360	405	90	450	488	526	564	602
228	273	319	364	410	91	455	493	531	569	607
230	276	322	368	414	92	460	498	536	574	612
233	279	326	372	419	93	465	503	541	579	617
235	282	329	376	423	94	470	508	546	584	622
238	285	333	380	428	95	475	513	551	589	627
240	288	336	384	432	96	480	518	556	594	632
243	291	340	388	437	97	485	523	561	599	637
245	294	343	392	441	98	490	528	566	604	642
248	297	347	396	446	99	495	533	571	609	647
250	300	350	400	450	100	500	538	576	614	652

10	12	14	16	18	Pieces	20	22	24	26	28
FEET						FEET				
1750	2100	2450	2800	3150	700	3500	4050	4600	5150	5700
2000	2400	2800	3200	3600	800	4000	4600	5200	5800	6400
2250	2700	3150	3600	4050	900	4500	5150	5800	6450	7100
2500	3000	3500	4000	4500	1000	5000	5700	6400	7100	7800
5000	6000	7000	8000	9000	2000	10000	12000	14000	16000	18000

\*Or 1 x 6 and 1½ x 4, half above lengths.

floor  
odd  
length

1x3

1x4

1½x4

1x5

1x6

1x10

1½x5

1½x6

1x8

2x4

2x6

2x8

4x4

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

2½x14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

1 x 4,\*

For 1 x 2, ÷ 2.

2 x 2

3 x 2, 1 x 2

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	22	24	26	28
FEET						FEET				
31	34	37	40	43	1	63	67	71	75	79
7	8	9	11	12	2	13	14	15	16	17
10	12	14	16	18	3	20	22	24	26	28
13	16	19	21	24	4	27	29	31	33	35
17	20	23	27	30	5	33	36	39	42	45
20	24	28	32	36	6	40	44	48	52	56
23	28	33	37	42	7	47	51	55	59	63
27	32	37	43	48	8	53	58	63	68	73
30	36	42	48	54	9	60	66	72	78	84
33	40	47	53	60	10	67	74	81	88	95
37	44	51	59	66	11	73	81	89	97	105
40	48	56	64	72	12	80	88	96	104	112
43	52	61	69	78	13	87	96	104	112	120
47	56	65	75	84	14	93	102	111	120	129
50	60	70	80	90	15	100	110	120	130	140
53	64	75	85	96	16	107	117	127	137	147
57	68	79	91	102	17	113	124	134	144	154
60	72	84	96	108	18	120	131	141	151	161
63	76	89	101	114	19	127	138	148	158	168
67	80	93	107	120	20	133	145	156	167	178
70	84	98	112	126	21	140	152	163	174	185
73	88	103	117	132	22	147	159	170	181	192
77	92	107	123	138	23	153	165	176	187	198
80	96	112	128	144	24	160	172	183	194	205
83	100	117	133	150	25	167	179	190	201	212

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	22	24	26	28
FEET						FEET				
87	104	121	139	156	26	173	191	209	227	245
90	108	126	144	162	27	180	200	218	236	254
93	112	131	149	168	28	187	207	225	243	261
97	116	135	155	174	29	193	213	231	249	267
100	120	140	160	180	30	200	220	239	258	277
103	124	145	165	186	31	207	227	246	265	284
107	128	149	171	192	32	213	233	252	271	290
110	132	154	176	198	33	220	240	259	278	297
113	136	159	181	204	34	227	247	266	285	304
117	140	163	187	210	35	233	253	272	291	310
120	144	168	192	216	36	240	260	279	298	317
123	148	173	197	222	37	247	267	286	305	324
127	152	177	203	228	38	253	273	292	311	330
130	156	182	208	234	39	260	280	299	318	337
133	160	187	213	240	40	267	287	306	325	344
137	164	191	219	246	41	273	293	312	331	350
140	168	196	224	252	42	280	300	319	338	356
143	172	201	229	258	43	287	307	326	345	363
147	176	205	235	264	44	293	313	332	351	369
150	180	210	240	270	45	300	320	339	358	375
153	184	215	245	276	46	307	327	346	365	382
157	188	219	251	282	47	313	333	352	371	388
160	192	224	256	288	48	320	340	359	378	395
163	196	229	261	294	49	327	347	366	385	402
167	200	233	267	300	50	333	353	372	391	408

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	22	24	26	28
FEET						FEET				
667	800	933	1067	1200	200	1333	1600	1867	2133	2400
1000	1200	1400	1600	1800	300	2000	2400	2800	3200	3600
1333	1600	1867	2133	2400	400	2667	3200	3733	4267	4800
1667	2000	2333	2667	3000	500	3333	4000	4667	5333	6000
2000	2400	2800	3200	3600	600	4000	4800	5600	6400	7200

\*Or 2 x 4 and 1 x 8, half above lengths.



For 1 x 2, ÷ 2

1 x 4,\*

2 x 2

LENGTH					LENGTH					
10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
170	204	238	272	306	51	340	102	119	136	153
173	208	243	277	312	52	347	104	121	139	156
177	212	247	283	318	53	353	106	124	141	159
180	216	252	288	324	54	360	108	126	144	162
183	220	257	293	330	55	367	110	128	147	165
187	224	261	299	336	56	373	112	131	149	168
190	228	266	304	342	57	380	114	133	152	171
193	232	271	309	348	58	387	116	135	155	174
197	236	275	315	354	59	393	118	138	157	177
200	240	280	320	360	60	400	120	140	160	180
203	244	285	325	366	61	407	122	142	163	183
207	248	289	331	372	62	413	124	145	165	186
210	252	294	336	378	63	420	126	147	168	189
213	256	299	341	384	64	427	128	149	171	192
217	260	303	347	390	65	433	130	152	173	195
220	264	308	352	396	66	440	132	154	176	198
223	268	313	357	402	67	447	134	156	179	201
227	272	317	363	408	68	453	136	159	181	204
230	276	322	368	414	69	460	138	161	184	207
233	280	327	373	420	70	467	140	163	187	210
237	284	331	379	426	71	473	142	166	189	213
240	288	336	384	432	72	480	144	168	192	216
243	292	341	389	438	73	487	146	170	195	219
247	296	345	395	444	74	493	148	173	197	222
250	300	350	400	450	75	500	150	175	200	225

10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
253	304	355	405	456	76	507	152	177	203	228
257	308	359	411	462	77	513	154	180	205	231
260	312	364	416	468	78	520	156	182	208	234
263	316	369	421	474	79	527	158	184	211	237
267	320	373	427	480	80	533	160	187	213	240
270	324	378	432	486	81	540	162	189	216	243
273	328	383	437	492	82	547	164	191	219	246
277	332	387	443	498	83	553	166	194	221	249
280	336	392	448	504	84	560	168	196	224	252
283	340	397	453	510	85	567	170	198	227	255
287	344	401	459	516	86	573	172	201	229	258
290	348	406	464	522	87	580	174	203	232	261
293	352	411	469	528	88	587	176	205	235	264
297	356	415	475	534	89	593	178	208	237	267
300	360	420	480	540	90	600	180	210	240	270
303	364	425	485	546	91	607	182	212	243	273
307	368	429	491	552	92	613	184	215	245	276
310	372	434	496	558	93	620	186	217	248	279
313	376	439	501	564	94	627	188	219	251	282
317	380	443	507	570	95	633	190	222	253	285
320	384	448	512	576	96	640	192	224	256	288
323	388	453	517	582	97	647	194	226	259	291
327	392	457	523	588	98	653	196	229	261	294
330	396	462	528	594	99	660	198	231	264	297
333	400	467	533	600	100	667	200	233	267	300

10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
2333	2800	3267	3733	4200	700	4667	1400	1633	1867	2100
2667	3200	3733	4267	4800	800	5333	1600	1867	2133	2400
3000	3600	4200	4800	5400	900	6000	1800	2100	2400	2700
3333	4000	4667	5333	6000	1000	6667	2000	2333	2667	3000
6667	8000	9333	10667	12000	2000	13333	4000	4667	5333	6000

\*Or 2 x 4 and 1 x 8, half above lengths.

For  $1\frac{1}{4} \times 2$  } + 2  
For  $1 \times 2\frac{1}{2}$

$1 \times 5$ ,\*  
 $1\frac{1}{4} \times 4$ , or  $2 \times 2\frac{1}{2}$

LENGTH						LENGTH				
10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
4 $\frac{1}{2}$	5	5 $\frac{5}{8}$	6 $\frac{3}{4}$	7 $\frac{1}{2}$	1	8 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$
8	10	12	13	15	2	17	5	6	7	8
13	15	18	20	23	3	25	8	9	10	11
17	20	23	27	30	4	33	10	12	13	15
21	25	29	33	38	5	42	13	15	17	19
25	30	35	40	45	6	50	15	17	20	23
29	35	41	47	53	7	58	18	20	23	26
33	40	47	53	60	8	67	20	23	27	30
38	45	53	60	68	9	75	23	26	30	34
42	50	58	67	75	10	83	25	29	33	38
46	55	64	73	83	11	92	28	32	37	41
50	60	70	80	90	12	100	30	35	40	45
54	65	76	87	98	13	108	33	38	43	49
58	70	82	93	105	14	117	35	41	47	53
63	75	88	100	113	15	125	38	44	50	56
67	80	93	107	120	16	133	40	47	53	60
71	85	99	113	128	17	142	43	50	57	64
75	90	105	120	135	18	150	45	53	60	68
79	95	111	127	143	19	158	48	55	63	71
83	100	117	133	150	20	167	50	58	67	75
88	105	123	140	158	21	175	53	61	70	79
92	110	128	147	165	22	183	55	64	73	82
96	115	134	153	173	23	192	58	67	77	86
100	120	140	160	180	24	200	60	70	80	90
104	125	146	167	188	25	208	63	73	83	94

10	12	14	16	18		20	6	7	8	9
FEET					Pieces	FEET				
108	130	152	173	195	26	217	65	76	87	98
113	135	158	180	203	27	225	68	79	90	101
117	140	163	187	210	28	233	70	82	93	105
121	145	169	193	218	29	242	73	85	97	109
125	150	175	200	225	30	250	75	88	100	113
129	155	181	207	233	31	258	78	90	103	116
133	160	187	213	240	32	267	80	93	107	120
138	165	193	220	248	33	275	83	96	110	124
142	170	198	227	255	34	283	85	99	113	128
146	175	204	233	263	35	292	88	102	117	131
150	180	210	240	270	36	300	90	105	120	135
154	185	216	247	278	37	308	93	108	123	139
158	190	222	253	285	38	317	95	111	127	143
163	195	228	260	293	39	325	98	114	130	146
167	200	233	267	300	40	333	100	117	133	150
171	205	239	273	308	41	342	103	120	137	154
175	210	245	280	315	42	350	105	123	140	158
179	215	251	287	323	43	358	108	125	143	161
183	220	257	293	330	44	367	110	128	147	165
188	225	263	300	338	45	375	113	131	150	169
192	230	268	307	345	46	383	115	134	153	173
196	235	274	313	353	47	392	118	137	157	176
200	240	280	320	360	48	400	120	140	160	180
204	245	286	327	368	49	408	123	143	163	184
208	250	292	333	375	50	417	125	146	167	188

10	12	14	16	18		20	6	7	8	9
FEET					Pieces	FEET				
833	1000	1167	1333	1500	200	1667	500	583	667	750
1250	1500	1750	2000	2250	300	2500	750	875	1000	1125
1667	2000	2333	2667	3000	400	3333	1000	1167	1333	1500
2083	2500	2917	3333	3750	500	4167	1250	1458	1667	1875
2500	3000	3500	4000	4500	600	5000	1500	1750	2000	2250

\*Or  $1 \times 10$  and  $1\frac{1}{4} \times 8$ , half above lengths.



For  $1\frac{1}{4} \times 2$  }  
For  $1 \times 2\frac{1}{2}$  }  $\div 2$

$1 \times 5$ ,\*  
 $1\frac{1}{4} \times 4$ , or  $2 \times 2\frac{1}{2}$

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	6	7	8	9
FEET						FEET				
213	255	298	340	383	51	425	128	149	170	191
217	260	303	347	390	52	433	130	152	173	195
221	265	309	353	398	53	442	133	155	177	199
225	270	315	360	405	54	450	135	158	180	203
229	275	321	367	413	55	458	138	160	183	206
233	280	327	373	420	56	467	140	163	187	210
238	285	333	380	428	57	475	143	166	190	214
242	290	338	387	435	58	483	145	169	193	218
246	295	344	393	443	59	492	148	172	197	221
250	300	350	400	450	60	500	150	175	200	225
254	305	356	407	458	61	508	153	178	203	229
258	310	362	413	465	62	517	155	181	207	233
263	315	368	420	473	63	525	158	184	210	236
267	320	373	427	480	64	533	160	187	213	240
271	325	379	433	488	65	542	163	190	217	244
275	330	385	440	495	66	550	165	193	220	248
279	335	391	447	503	67	558	168	195	223	251
283	340	397	453	510	68	567	170	198	227	255
288	345	403	460	518	69	575	173	201	230	259
292	350	408	467	525	70	583	175	204	233	263
296	355	414	473	533	71	592	178	207	237	266
300	360	420	480	540	72	600	180	210	240	270
304	365	426	487	548	73	608	183	213	243	274
308	370	432	493	555	74	617	185	216	247	278
313	375	438	500	563	75	625	188	219	250	281

10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
317	380	443	507	570	76	633	190	222	253	285
321	385	449	513	578	77	642	193	225	257	289
325	390	455	520	585	78	650	195	228	260	293
329	395	461	527	593	79	658	198	230	263	296
333	400	467	533	600	80	667	200	233	267	300
338	405	473	540	608	81	675	203	236	270	304
342	410	478	547	615	82	683	205	239	273	308
346	415	484	553	623	83	692	208	242	277	311
350	420	490	560	630	84	700	210	245	280	315
354	425	496	567	638	85	708	213	248	283	319
358	430	502	573	645	86	717	215	251	287	323
363	435	508	580	653	87	725	218	254	290	326
367	440	513	587	660	88	733	220	257	293	330
371	445	519	593	668	89	742	223	260	297	334
375	450	525	600	675	90	750	225	263	300	338
379	455	531	607	683	91	758	228	265	303	341
383	460	537	613	690	92	767	230	268	307	345
388	465	543	620	698	93	775	233	271	310	349
392	470	548	627	705	94	783	235	274	313	353
396	475	554	633	713	95	792	238	277	317	356
400	480	560	640	720	96	800	240	280	320	360
404	485	566	647	728	97	808	243	283	323	364
408	490	572	653	735	98	817	245	286	327	368
413	495	578	660	743	99	825	248	289	330	371
417	500	583	667	750	100	833	250	292	333	375

10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
2917	3500	4083	4667	5250	700	5893	1750	2042	2333	2625
3333	4000	4667	5333	6000	800	6667	2000	2333	2667	3000
3750	4500	5250	6000	6750	900	7500	2250	2625	3000	3375
4167	5000	5833	6667	7500	1000	8333	2500	2917	3333	3750
8333	10000	11667	13333	15000	2000	16667	5000	5833	6667	7500

\*Or  $1 \times 10$  and  $1\frac{1}{4} \times 8$ , half above lengths.

floor  
odd  
bath

1x4  
1x5

1x6

1x10

1x5

1x6

1x8  
2x4

2x6

2x8  
4x4

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

2x14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

1 x 6,\*  
1½ x 4, or 2 x 3

LENGTH					Pieces	LENGTH				
10	12	14 FEET	16	18		20	26	7 FEET	8	9
15	6	8	8	9	1	10	3	3½	4	4½
10	12	14	16	18	2	20	6	7	8	9
15	18	21	24	27	3	30	9	11	12	14
20	24	28	32	36	4	40	12	14	16	18
25	30	35	40	45	5	50	15	18	20	23
30	36	42	48	54	6	60	18	21	24	27
35	42	49	56	63	7	70	21	25	28	32
40	48	56	64	72	8	80	24	28	32	36
45	54	63	72	81	9	90	27	32	36	41
50	60	70	80	90	10	100	30	35	40	45
55	66	77	88	99	11	110	33	39	44	50
60	72	84	96	108	12	120	36	42	48	54
65	78	91	104	117	13	130	39	46	52	59
70	84	98	112	126	14	140	42	49	56	63
75	90	105	120	135	15	150	45	53	60	68
80	96	112	128	144	16	160	48	56	64	72
85	102	119	136	153	17	170	51	60	68	77
90	108	126	144	162	18	180	54	63	72	81
95	114	133	152	171	19	190	57	67	76	86
100	120	140	160	180	20	200	60	70	80	90
105	126	147	168	189	21	210	63	74	84	95
110	132	154	176	198	22	220	66	77	88	99
115	138	161	184	207	23	230	69	81	92	104
120	144	168	192	216	24	240	72	84	96	108
125	150	175	200	225	25	250	75	88	100	113

10	12	14 FEET	16	18	Pieces	20	26	7 FEET	8	9
130	156	182	208	234	26	260	78	91	104	117
135	162	189	216	243	27	270	81	95	108	122
140	168	196	224	252	28	280	84	98	112	126
145	174	203	232	261	29	290	87	102	116	131
150	180	210	240	270	30	300	90	105	120	135
155	186	217	248	279	31	310	93	109	124	140
160	192	224	256	288	32	320	96	112	128	144
165	198	231	264	297	33	330	99	116	132	149
170	204	238	272	306	34	340	102	119	136	153
175	210	245	280	315	35	350	105	123	140	158
180	216	252	288	324	36	360	108	126	144	162
185	222	259	296	333	37	370	111	130	148	167
190	228	266	304	342	38	380	114	133	152	171
195	234	273	312	351	39	390	117	137	156	176
200	240	280	320	360	40	400	120	140	160	180
205	246	287	328	369	41	410	123	144	164	185
210	252	294	336	378	42	420	126	147	168	189
215	258	301	344	387	43	430	129	151	172	194
220	264	308	352	396	44	440	132	154	176	198
225	270	315	360	405	45	450	135	158	180	203
230	276	322	368	414	46	460	138	161	184	207
235	282	329	376	423	47	470	141	165	188	212
240	288	336	384	432	48	480	144	168	192	216
245	294	343	392	441	49	490	147	172	196	221
250	300	350	400	450	50	500	150	175	200	225

10	12	14 FEET	16	18	Pieces	20	26	7 FEET	8	9
1000	1200	1400	1600	1800	200	2000	600	700	800	900
1500	1800	2100	2400	2700	300	3000	900	1050	1200	1350
2000	2400	2800	3200	3600	400	4000	1200	1400	1600	1800
2500	3000	3500	4000	4500	500	5000	1500	1750	2000	2250
3000	3600	4200	4800	5400	600	6000	1800	2100	2400	2700

\*See index.



1 x 6,\*  
1½ x 4, or 2 x 8

LENGTH					LENGTH					
10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
255	306	357	408	459	51	510	153	179	204	230
260	312	364	416	468	52	520	156	182	208	234
265	318	371	424	477	53	530	159	186	212	239
270	324	378	432	486	54	540	162	189	216	243
275	330	385	440	495	55	550	165	193	220	248
280	336	392	448	504	56	560	168	196	224	252
285	342	399	456	513	57	570	171	200	228	257
290	348	406	464	522	58	580	174	203	232	261
295	354	413	472	531	59	590	177	207	236	266
300	360	420	480	540	60	600	180	210	240	270
305	366	427	488	549	61	610	183	214	244	275
310	372	434	496	558	62	620	186	217	248	279
315	378	441	504	567	63	630	189	221	252	284
320	384	448	512	576	64	640	192	224	256	288
325	390	455	520	585	65	650	195	228	260	293
330	396	462	528	594	66	660	198	231	264	297
335	402	469	536	603	67	670	201	235	268	302
340	408	476	544	612	68	680	204	238	272	306
345	414	483	552	621	69	690	207	242	276	311
350	420	490	560	630	70	700	210	245	280	315
355	426	497	568	639	71	710	213	249	284	320
360	432	504	576	648	72	720	216	252	288	324
365	438	511	584	657	73	730	219	256	292	329
370	444	518	592	666	74	740	222	259	296	333
375	450	525	600	675	75	750	225	263	300	338

10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
380	456	532	608	684	76	760	228	266	304	342
385	462	539	616	693	77	770	231	270	308	347
390	468	546	624	702	78	780	234	273	312	351
395	474	553	632	711	79	790	237	277	316	356
400	480	560	640	720	80	800	240	280	320	360
405	486	567	648	729	81	810	243	284	324	365
410	492	574	656	738	82	820	246	287	328	369
415	498	581	664	747	83	830	249	291	332	374
420	504	588	672	756	84	840	252	294	336	378
425	510	595	680	765	85	850	255	298	340	383
430	516	602	688	774	86	860	258	301	344	387
435	522	609	696	783	87	870	261	305	348	392
440	528	616	704	792	88	880	264	308	352	396
445	534	623	712	801	89	890	267	312	356	401
450	540	630	720	810	90	900	270	315	360	405
455	546	637	728	819	91	910	273	319	364	410
460	552	644	736	828	92	920	276	322	368	414
465	558	651	744	837	93	930	279	326	372	419
470	564	658	752	846	94	940	282	329	376	423
475	570	665	760	855	95	950	285	333	380	428
480	576	672	768	864	96	960	288	336	384	432
485	582	679	776	873	97	970	291	340	388	437
490	588	686	784	882	98	980	294	343	392	441
495	594	693	792	891	99	990	297	347	396	446
500	600	700	800	900	100	1000	300	350	400	450

10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
3500	4200	4900	5600	6300	700	7000	2100	2450	2800	3150
4000	4800	5600	6400	7200	800	8000	2400	2800	3200	3600
4500	5400	6300	7200	8100	900	9000	2700	3150	3600	4050
5000	6000	7000	8000	9000	1000	10000	3000	3500	4000	4500
10000	12000	14000	16000	18000	2000	20000	6000	7000	8000	9000

\*See Index.

floor  
odd  
ath

1x6

1x10

1½x5

1½x6

1x8

2x4

2x6

2x8

4x4

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

2½x14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

1 x 10,\*  
1 1/4 x 8, 2 x 5, or 2 1/2 x 4

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	22	24	6	8
FEET						FEET				
8 1/2	10	11 1/2	13 1/2	15	1	16 1/2	18 1/2	20	5	6 1/2
17	20	23	27	30	2	33	37	40	10	13
25	30	35	40	45	3	50	55	60	15	20
33	40	47	53	60	4	67	73	80	20	27
42	50	58	67	75	5	83	92	100	25	33
50	60	70	80	90	6	100	110	120	30	40
58	70	82	93	105	7	117	128	140	35	47
67	80	93	107	120	8	133	147	160	40	53
75	90	105	120	135	9	150	165	180	45	60
83	100	117	133	150	10	167	183	200	50	67
92	110	128	147	165	11	183	202	220	55	73
100	120	140	160	180	12	200	220	240	60	80
108	130	152	173	195	13	217	238	260	65	87
117	140	163	187	210	14	233	257	280	70	93
125	150	175	200	225	15	250	275	300	75	100
133	160	187	213	240	16	267	293	320	80	107
142	170	198	227	255	17	283	312	340	85	113
150	180	210	240	270	18	300	330	360	90	120
158	190	222	253	285	19	317	348	380	95	127
167	200	233	267	300	20	333	367	400	100	133
175	210	245	280	315	21	350	385	420	105	140
183	220	257	293	330	22	367	403	440	110	147
192	230	268	307	345	23	383	422	460	115	153
200	240	280	320	360	24	400	440	480	120	160
208	250	292	333	375	25	417	458	500	125	167
217	260	303	347	390	26	433	477	520	130	173
225	270	315	360	405	27	450	495	540	135	180
233	280	327	373	420	28	467	513	560	140	187
242	290	338	387	435	29	483	532	580	145	193
250	300	350	400	450	30	500	550	600	150	200
258	310	362	413	465	31	517	568	620	155	207
267	320	373	427	480	32	533	587	640	160	213
275	330	385	440	495	33	550	605	660	165	220
283	340	397	453	510	34	567	623	680	170	227
292	350	408	467	525	35	583	642	700	175	233
300	360	420	480	540	36	600	660	720	180	240
308	370	432	493	555	37	617	678	740	185	247
317	380	443	507	570	38	633	697	760	190	253
325	390	455	520	585	39	650	715	780	195	260
333	400	467	533	600	40	667	733	800	200	267
342	410	478	547	615	41	683	752	820	205	273
350	420	490	560	630	42	700	770	840	210	280
358	430	502	573	645	43	717	788	860	215	287
367	440	513	587	660	44	733	807	880	220	293
375	450	525	600	675	45	750	825	900	225	300
383	460	537	613	690	46	767	843	920	230	307
392	470	548	627	705	47	783	862	940	235	313
400	480	560	640	720	48	800	880	960	240	320
408	490	572	653	735	49	817	898	980	245	327
417	500	583	667	750	50	833	917	1000	250	333
1667	2000	2333	2667	3000	Pieces	3333	3667	4000	1000	1333
2500	3000	3500	4000	4500	300	5000	5500	6000	1500	2000
3333	4000	4667	5333	6000	400	6667	7333	8000	2000	2667
4167	5000	5833	6667	7500	500	8333	9167	10000	2500	3333
5000	6000	7000	8000	9000	600	10000	11000	12000	3000	4000

\*See index.



1 x 10,\*  
1 1/4 x 8, 2 x 5, or 2 1/2 x 4

LENGTH					LENGTH					
10	12	14	16	18	Pieces	20	22	24	6	8
FEET						FEET				
425	510	595	680	765	51	850	935	1020	255	340
433	520	607	693	780	52	867	953	1040	260	347
442	530	618	707	795	53	883	972	1060	265	353
450	540	630	720	810	54	900	990	1080	270	360
458	550	642	733	825	55	917	1008	1100	275	367
467	560	653	747	840	56	933	1027	1120	280	373
475	570	665	760	855	57	950	1045	1140	285	380
483	580	677	773	870	58	967	1063	1160	290	387
492	590	688	787	885	59	983	1082	1180	295	393
500	600	700	800	900	60	1000	1100	1200	300	400
508	610	712	813	915	61	1017	1118	1220	305	407
517	620	723	827	930	62	1033	1137	1240	310	413
525	630	735	840	945	63	1050	1155	1260	315	420
533	640	747	853	960	64	1067	1173	1280	320	427
542	650	758	867	975	65	1083	1192	1300	325	433
550	660	770	880	990	66	1100	1210	1320	330	440
558	670	782	893	1005	67	1117	1228	1340	335	447
567	680	793	907	1020	68	1133	1247	1360	340	453
575	690	805	920	1035	69	1150	1265	1380	345	460
583	700	817	933	1050	70	1167	1283	1400	350	467
592	710	828	947	1065	71	1183	1302	1420	355	473
600	720	840	960	1080	72	1200	1320	1440	360	480
608	730	852	973	1095	73	1217	1338	1460	365	487
617	740	863	987	1110	74	1233	1357	1480	370	493
625	750	875	1000	1125	75	1250	1375	1500	375	500

10	12	14	16	18	Pieces	20	22	24	6	8
FEET					FEET					
633	760	887	1013	1140	76	1267	1393	1520	380	507
642	770	898	1027	1155	77	1283	1412	1540	385	513
650	780	910	1040	1170	78	1300	1430	1560	390	520
658	790	922	1053	1185	79	1317	1448	1580	395	527
667	800	933	1067	1200	80	1333	1467	1600	400	533
675	810	945	1080	1215	81	1350	1485	1620	405	540
683	820	957	1093	1230	82	1367	1503	1640	410	547
692	830	968	1107	1245	83	1383	1522	1660	415	553
700	840	980	1120	1260	84	1400	1540	1680	420	560
708	850	992	1133	1275	85	1417	1558	1700	425	567
717	860	1003	1147	1290	86	1433	1577	1720	430	573
725	870	1015	1160	1305	87	1450	1595	1740	435	580
733	880	1027	1173	1320	88	1467	1613	1760	440	587
742	890	1038	1187	1335	89	1483	1632	1780	445	593
750	900	1050	1200	1350	90	1500	1650	1800	450	600
758	910	1062	1213	1365	91	1517	1668	1820	455	607
767	920	1073	1227	1380	92	1533	1687	1840	460	613
775	930	1085	1240	1395	93	1550	1705	1860	465	620
783	940	1097	1253	1410	94	1567	1723	1880	470	627
792	950	1108	1267	1425	95	1583	1742	1900	475	633
800	960	1120	1280	1440	96	1600	1760	1920	480	640
808	970	1132	1293	1455	97	1617	1778	1940	485	647
817	980	1143	1307	1470	98	1633	1797	1960	490	653
825	990	1155	1320	1485	99	1650	1815	1980	495	660
833	1000	1167	1333	1500	100	1667	1833	2000	500	667

10	12	14	16	18	Pieces	20	22	24	6	8
FEET					FEET					
5883	7000	8167	9333	10500	700	11667	12833	14000	3500	4667
6667	8000	9333	10667	12000	800	13333	14667	16000	4000	5333
7500	9000	10500	12000	13500	900	15000	16500	18000	4500	6000
8333	10000	11667	13333	15000	1000	16667	18333	20000	5000	6667
16667	20000	23333	26667	30000	2000	33333	36667	40000	10000	13333

\*See index.

floor  
Odd  
ath

1x10

1x5

1x6

1x8  
2x4

2x6

2x8  
4x4

2x10

3x8  
2x12  
4x6

5x5  
3x6

1x14  
2x14

2x14  
3x10

3x14  
4x10

6x6

6x8  
8x8

8x10

10x10  
8x14

10x12

10x14  
12x12

12x14

For  $1\frac{1}{4} \times 15, \times 2$   
 For  $1\frac{1}{4} \times 1\frac{1}{4}, \div 4$   
 For  $1\frac{1}{4} \times 2\frac{1}{2}, \div 2$

$\frac{1}{4} \times 5$   
 or  $2\frac{1}{2} \times 2\frac{1}{2}$

For  $1\frac{1}{4} \times 10 \} \times 2$   
 For  $2\frac{1}{2} \times 5$

LENGTH FEET					Pieces	LENGTH FEET				
10	12	14	16	18		20	6	7	8	9
5	6	7	8	9	1	10	3	3	4	4
10	13	15	17	19	2	21	6	7	8	9
16	19	22	25	28	3	31	9	11	12	14
21	25	29	33	38	4	42	13	15	17	19
26	31	36	42	47	5	52	16	18	21	23
31	38	44	50	56	6	63	19	22	25	28
36	44	51	58	66	7	73	22	26	29	33
42	50	58	67	75	8	83	25	29	33	38
47	56	66	75	84	9	94	28	33	37	42
52	63	73	83	94	10	104	31	36	42	47
57	69	80	92	103	11	115	34	40	46	52
63	75	88	100	112	12	125	38	44	50	56
68	81	95	108	122	13	135	41	47	54	61
73	88	102	117	131	14	146	44	51	58	66
78	94	109	125	141	15	156	47	55	62	70
83	100	117	133	150	16	167	50	58	67	75
89	106	124	142	159	17	177	53	62	71	80
94	113	131	150	169	18	188	56	66	75	84
99	119	139	158	178	19	198	59	69	79	89
104	125	146	167	187	20	208	63	73	83	94
109	131	153	175	197	21	219	66	77	87	98
115	138	160	183	206	22	229	69	80	92	103
120	144	168	192	216	23	240	72	84	96	108
125	150	175	200	225	24	250	75	87	100	113
130	156	182	208	234	25	260	78	91	104	117

LENGTH FEET					Pieces	LENGTH FEET				
10	12	14	16	18		20	6	7	8	9
135	163	190	217	244	26	271	81	95	108	122
141	169	197	225	253	27	281	84	98	112	127
146	175	204	233	262	28	292	88	102	117	131
151	181	211	242	272	29	302	91	106	121	136
156	188	219	250	281	30	313	94	109	125	141
161	194	226	258	291	31	323	97	113	129	145
167	200	233	267	300	32	333	100	117	133	150
172	206	241	275	309	33	344	103	120	137	155
177	213	248	283	319	34	354	106	124	142	159
182	219	255	292	328	35	365	109	128	146	164
188	225	263	300	337	36	375	113	131	150	169
193	231	270	308	347	37	385	116	135	154	173
198	238	277	317	356	38	396	119	139	158	178
203	244	284	325	366	39	406	122	142	162	183
208	250	292	333	375	40	417	124	146	167	188
214	256	299	342	384	41	427	127	149	171	192
219	263	306	350	394	42	438	131	153	175	197
224	269	314	358	403	43	448	134	157	179	202
229	275	321	367	412	44	458	138	160	183	206
234	281	328	375	422	45	469	141	164	187	211
240	288	335	383	431	46	479	144	168	192	216
245	294	343	392	441	47	490	147	171	196	220
250	300	350	400	450	48	500	150	175	200	225
255	306	357	408	459	49	510	153	179	204	230
260	313	365	417	469	50	521	156	182	208	234

LENGTH FEET					Pieces	LENGTH FEET				
10	12	14	16	18		20	6	7	8	9
1042	1250	1458	1667	1875	200	2083	625	729	833	938
1583	1875	2188	2500	2813	300	3125	938	1094	1250	1406
2083	2500	2917	3333	3750	400	4167	1250	1458	1667	1875
2604	3125	3645	4167	4688	500	5208	1563	1823	2083	2344
3125	3750	4375	5000	5625	600	6250	1875	2187	2500	2813

\*Or sizes at right in half above lengths.



For  $1\frac{1}{4} \times 15, \times 3$   
 For  $1\frac{1}{4} \times 1\frac{1}{4}, \div 4$   
 For  $1\frac{1}{4} \times 2\frac{1}{2}, \div 2$

$\times 1\frac{1}{4} \times 5, *$   
 or  $2\frac{1}{2} \times 2\frac{1}{2}$

For  $1\frac{1}{4} \times 10, \times 2$   
 For  $2\frac{1}{2} \times 5, \times 2$

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	6	7	8	9
FEET						FEET				
266	319	372	425	478	51	531	159	186	212	239
271	325	379	433	487	52	542	163	190	217	244
276	331	386	442	497	53	552	166	193	221	248
281	338	394	450	506	54	563	169	197	225	253
287	344	401	458	516	55	573	172	201	229	258
292	350	408	467	525	56	583	175	204	233	263
297	356	416	475	534	57	594	178	208	237	267
302	363	423	483	544	58	604	181	211	242	272
307	369	430	492	553	59	615	184	215	246	277
313	375	438	500	562	60	625	188	219	250	281
318	381	445	508	572	61	635	191	222	254	286
323	388	452	517	581	62	646	194	226	258	291
328	394	459	525	591	63	656	197	230	262	295
333	400	467	533	600	64	667	200	233	267	300
339	406	474	542	609	65	677	203	237	271	305
344	413	481	550	619	66	688	206	241	275	309
349	419	489	558	628	67	698	209	244	279	314
354	425	496	567	637	68	708	213	248	283	319
359	431	503	575	647	69	719	216	252	287	323
365	438	510	583	656	70	729	219	255	292	328
370	444	518	592	666	71	740	222	259	296	333
375	450	525	600	675	72	750	225	262	300	338
380	456	532	608	684	73	760	228	266	304	342
385	463	540	617	694	74	771	231	270	308	347
391	469	547	625	703	75	781	234	273	312	352

10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
396	475	554	633	712	76	792	238	277	317	356
401	481	561	642	722	77	802	241	281	321	361
406	488	569	650	731	78	813	244	284	325	366
411	494	576	658	741	79	823	247	288	329	370
417	500	583	667	750	80	833	250	292	333	375
422	506	591	675	759	81	844	253	295	337	380
427	513	598	683	769	82	854	256	299	342	384
432	519	605	692	778	83	865	259	303	346	389
438	525	613	700	787	84	875	263	306	350	394
443	531	620	708	797	85	885	266	310	354	398
448	538	627	717	806	86	896	269	314	358	403
453	544	634	725	816	87	906	272	317	362	408
458	550	642	733	825	88	917	275	321	367	413
464	556	649	742	834	89	927	278	324	371	417
469	563	656	750	844	90	938	281	328	375	422
474	569	664	758	853	91	948	284	332	379	427
479	575	671	767	862	92	958	288	335	383	431
484	581	678	775	872	93	969	291	339	387	436
490	588	685	783	881	94	979	294	343	392	441
495	594	693	792	891	95	990	297	346	396	445
500	600	700	800	900	96	1000	300	350	400	450
505	606	707	808	909	97	1010	303	354	404	455
510	613	715	817	919	98	1021	306	357	408	459
516	619	722	825	928	99	1031	309	361	412	463
521	625	729	833	938	100	1042	313	365	417	469

10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
3646	4375	5104	5833	6563	700	7292	2188	2552	2917	3281
4167	5000	5833	6667	7500	800	8333	2500	2917	3333	3750
4688	5625	6563	7500	8438	900	9375	2813	3281	3750	4219
5208	6250	7292	8333	9375	1000	10417	3125	3646	4167	4688
10417	12499	14583	16667	18750	2000	20833	6250	7292	8333	9375

\*Or sizes at right in half above lengths.

100r  
Odd  
10th

1x5

1x6

1x8  
2x4

2x6

2x8  
4x4

2x10

3x8

2x12  
4x6

5x5  
3x6

1x14  
2x14

2x14  
3x10

3x14  
4x10

6x6

6x8  
8x8

8x10

10x10  
8x14

10x12

10x14  
12x12

12x14

For  $1\frac{1}{4} \times 12$  &  $2\frac{1}{2} \times 6$   
 For  $1\frac{1}{2} \times 10$  &  $3 \times 5$   
 For  $1 \times 15$  &  $2 \times 7\frac{1}{2}$  }  $\times 2$   $1\frac{1}{4} \times 6$ ,\*  
 $2\frac{1}{2} \times 3$ ,  $1\frac{1}{2} \times 5$ , or  $1 \times 7\frac{1}{2}$

For  $1\frac{1}{2} \times 15$   
 For  $1\frac{1}{4} \times 18$   
 For  $2\frac{1}{4} \times 10$   
 For  $1\frac{1}{4} \times 3$ ,  $\div 2$  }  $\times 3$

LENGTH						LENGTH				
10	12	14	16	18		20	6	7	8	9
FEET					Pieces	FEET				
6 $\frac{1}{4}$	7 $\frac{1}{2}$	8 $\frac{3}{4}$	10	11 $\frac{1}{4}$	1	12 $\frac{1}{2}$	3 $\frac{1}{4}$	4 $\frac{3}{8}$	5	5 $\frac{5}{8}$
13	15	18	20	23	2	25	8	9	10	11
19	23	26	30	34	3	38	11	13	15	17
25	30	35	40	45	4	50	15	18	20	23
31	38	44	50	56	5	63	19	22	25	28
38	45	53	60	68	6	75	23	26	30	34
44	53	61	70	79	7	88	26	31	35	39
50	60	70	80	90	8	100	30	35	40	45
56	68	79	90	101	9	113	34	39	45	51
63	75	88	100	113	10	125	38	44	50	56
69	83	96	110	124	11	138	41	48	55	62
75	90	105	120	135	12	150	45	53	60	68
81	98	114	130	146	13	163	49	57	65	73
88	105	123	140	158	14	175	53	61	70	79
94	113	131	150	169	15	188	56	66	75	84
100	120	140	160	180	16	200	60	70	80	90
106	128	149	170	191	17	213	64	74	85	96
113	135	158	180	203	18	225	68	79	90	101
119	143	166	190	214	19	238	71	83	95	107
125	150	175	200	225	20	250	75	88	100	113
131	158	184	210	236	21	263	79	92	105	118
138	165	193	220	248	22	275	83	96	110	124
144	173	201	230	259	23	288	86	101	115	129
150	180	210	240	270	24	300	90	105	120	135
156	188	219	250	281	25	313	94	109	125	141
10	12	14	16	18		20	6	7	8	9
FEET					Pieces	FEET				
163	195	228	260	293	26	325	98	114	130	146
169	203	236	270	304	27	338	101	118	135	152
175	210	245	280	315	28	350	105	123	140	158
181	218	254	290	326	29	363	109	127	145	163
188	225	263	300	338	30	375	113	131	150	169
194	233	271	310	349	31	388	116	136	155	174
200	240	280	320	360	32	400	120	140	160	180
206	248	289	330	371	33	413	124	144	165	186
213	255	298	340	383	34	425	128	149	170	191
219	263	306	350	394	35	438	131	153	175	197
225	270	315	360	405	36	450	135	158	180	203
231	278	324	370	416	37	463	139	162	185	208
238	285	333	380	428	38	475	143	166	190	214
244	293	341	390	439	39	488	146	171	195	219
250	300	350	400	450	40	500	150	175	200	225
256	308	359	410	461	41	513	154	179	205	231
263	315	368	420	473	42	525	158	184	210	236
269	323	376	430	484	43	538	161	188	215	242
275	330	385	440	495	44	550	165	193	220	248
281	338	394	450	506	45	563	169	197	225	253
288	345	403	460	518	46	575	173	201	230	259
294	353	411	470	529	47	588	176	206	235	264
300	360	420	480	540	48	600	180	210	240	270
306	368	429	490	551	49	613	184	214	245	276
313	375	438	500	563	50	625	188	219	250	281
10	12	14	16	18		20	6	7	8	9
FEET					Pieces	FEET				
1250	1500	1750	2000	2250	200	2500	750	875	1000	1125
1875	2250	2625	3000	3375	300	3750	1125	1313	1500	1688
2500	3000	3500	4000	4500	400	5000	1500	1750	2000	2250
3125	3750	4375	5000	5625	500	6250	1875	2188	2500	2813
3750	4500	5250	6000	6750	600	7500	2250	2625	3000	3375

\*Or sizes at left in half above lengths.



For  $1\frac{1}{4} \times 12$  &  $2\frac{1}{4} \times 6$  }  $\times 2$   $1\frac{1}{4} \times 6$  \* For  $1\frac{1}{2} \times 15$   
 For  $1\frac{1}{4} \times 10$  &  $3 \times 5$  }  $2\frac{1}{2} \times 3, 1\frac{1}{4} \times 5$ , or  $1 \times 7\frac{1}{2}$  For  $1\frac{1}{4} \times 18$  }  $\times 3$   
 For  $1 \times 16$  &  $2 \times 7\frac{1}{2}$  } For  $2\frac{1}{4} \times 10$  For  $1\frac{1}{4} \times 3$ ,  $\div 2$

LENGTH					LENGTH					
10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
310	383	446	510	574	51	638	191	223	255	287
325	390	455	520	585	52	650	195	228	260	293
331	398	464	530	596	53	663	199	232	265	298
338	405	473	540	608	54	675	203	236	270	304
344	413	481	550	619	55	688	206	241	275	309
350	420	490	560	630	56	700	210	245	280	315
356	428	499	570	641	57	713	214	249	285	321
363	435	508	580	653	58	725	218	254	290	326
369	443	516	590	664	59	738	221	258	295	332
375	450	525	600	675	60	750	225	263	300	338
381	458	534	610	686	61	763	229	267	305	343
388	465	543	620	698	62	775	233	271	310	349
394	473	551	630	709	63	788	236	276	315	354
400	480	560	640	720	64	800	240	280	320	360
406	488	569	650	731	65	813	244	284	325	366
413	495	578	660	743	66	825	248	289	330	371
419	503	586	670	754	67	838	251	293	335	377
425	510	595	680	765	68	850	255	298	340	383
431	518	604	690	776	69	863	259	302	345	388
438	525	613	700	788	70	875	263	306	350	394
444	533	621	710	799	71	888	266	311	355	399
450	540	630	720	810	72	900	270	315	360	405
456	548	639	730	821	73	913	274	319	365	411
463	555	648	740	833	74	925	278	324	370	416
469	563	656	750	844	75	938	281	328	375	422

10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
475	570	665	760	855	76	950	285	333	380	428
481	578	674	770	866	77	963	289	337	385	433
488	585	683	780	878	78	975	293	341	390	439
494	593	691	790	889	79	988	296	346	395	444
500	600	700	800	900	80	1000	300	350	400	450
506	608	709	810	911	81	1013	304	354	405	456
513	615	718	820	923	82	1025	308	359	410	461
519	623	726	830	934	83	1038	311	363	415	467
525	630	735	840	945	84	1050	315	368	420	473
531	638	744	850	956	85	1063	319	372	425	478
538	645	753	860	968	86	1075	323	376	430	484
544	653	761	870	979	87	1088	326	381	435	489
550	660	770	880	990	88	1100	330	385	440	495
556	668	779	890	1001	89	1113	334	389	445	501
563	675	788	900	1013	90	1125	338	394	450	506
569	683	796	910	1024	91	1138	341	398	455	512
575	690	805	920	1035	92	1150	345	403	460	518
581	698	814	930	1046	93	1163	349	407	465	523
588	705	823	940	1058	94	1175	353	411	470	529
594	713	831	950	1069	95	1188	356	416	475	534
600	720	840	960	1080	96	1200	360	420	480	540
606	728	849	970	1091	97	1213	364	424	485	546
613	735	858	980	1103	98	1225	368	429	490	551
619	743	866	990	1114	99	1238	371	433	495	557
625	750	875	1000	1125	100	1250	375	438	500	563

10	12	14	16	18	Pieces	20	6	7	8	9
FEET					FEET					
4375	5250	6125	7000	7875	700	8750	2625	3063	3500	3938
5000	6000	7000	8000	9000	800	10000	3000	3500	4000	4500
5625	6750	7875	9000	10125	900	11250	3375	3938	4500	5063
6250	7500	8750	10000	11250	1000	12500	3750	4375	5000	5625
12500	15000	17500	20000	22500	2000	25000	7500	8750	10000	11250

\*Or sizes at left in half above lengths.

100r  
Odd  
ath

12x6

1x8  
2x4

2x6

2x8  
4x4

2x10

3x8  
2x12

4x6  
5x5  
3x6

1x14  
2x14

2x14  
3x10

3x14  
4x10

6x6

6x8  
8x8

8x10

10x10  
8x14

10x12

10x14  
12x12

12x14

2 x 4,\*

1 x 8

LENGTH						LENGTH					
10	12	14	16	18		20	22	24	26	28	30
FEET					Pieces	FEET					
6 <sup>3</sup> / <sub>4</sub>	8	9 <sup>1</sup> / <sub>4</sub>	10 <sup>3</sup> / <sub>4</sub>	12	1	13 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>4</sub>	16	17 <sup>1</sup> / <sub>4</sub>	18 <sup>3</sup> / <sub>4</sub>	20
13	16	19	21	24	2	27	29	32	35	37	40
20	24	28	32	36	3	40	44	48	52	56	60
27	32	37	43	48	4	53	59	64	69	75	80
33	40	47	53	60	5	67	73	80	87	93	100
40	48	56	64	72	6	80	88	96	104	112	120
47	56	65	75	84	7	93	103	112	121	131	140
53	64	75	85	96	8	107	117	128	139	149	160
60	72	84	96	108	9	120	132	144	156	168	180
67	80	93	107	120	10	133	147	160	173	187	200
73	88	103	117	132	11	147	161	176	191	205	220
80	96	112	128	144	12	160	176	192	208	224	240
87	104	121	139	156	13	173	191	208	225	243	260
93	112	131	149	168	14	187	205	224	243	261	280
100	120	140	160	180	15	200	220	240	260	280	300
107	128	149	171	192	16	213	235	256	277	299	320
113	136	159	181	204	17	227	249	272	295	317	340
120	144	168	192	216	18	240	264	288	312	336	360
127	152	177	203	228	19	253	279	304	329	355	380
133	160	187	213	240	20	267	293	320	347	373	400
140	168	196	224	252	21	280	308	336	364	392	420
147	176	205	235	264	22	293	323	352	381	411	440
153	184	215	245	276	23	307	337	368	399	429	460
160	192	224	256	288	24	320	352	384	416	448	480
167	200	233	267	300	25	333	367	400	433	467	500

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET					FEET						
173	208	243	277	312	26	347	381	416	451	485	520
180	216	252	288	324	27	360	396	432	468	504	540
187	224	261	299	336	28	373	411	448	485	523	560
193	232	271	309	348	29	387	425	464	503	541	580
200	240	280	320	360	30	400	440	480	520	560	600
207	248	289	331	372	31	413	455	496	537	579	620
213	256	299	341	384	32	427	469	512	555	597	640
220	264	308	352	396	33	440	484	528	572	616	660
227	272	317	363	408	34	453	499	544	589	635	680
233	280	327	373	420	35	467	513	560	607	653	700
240	288	336	384	432	36	480	528	576	624	672	720
247	296	345	395	444	37	493	543	592	641	691	740
253	304	355	405	456	38	507	557	608	659	709	760
260	312	364	416	468	39	520	572	624	676	728	780
267	320	373	427	480	40	533	587	640	693	747	800
273	328	383	437	492	41	547	601	656	711	765	820
280	336	392	448	504	42	560	616	672	728	784	840
287	344	401	459	516	43	573	631	688	745	803	860
293	352	411	469	528	44	587	645	704	763	821	880
300	360	420	480	540	45	600	660	720	780	840	900
307	368	429	491	552	46	613	675	736	797	859	920
313	376	439	501	564	47	627	689	752	815	877	940
320	384	448	512	576	48	640	704	768	832	896	960
327	392	457	523	588	49	653	719	784	849	915	980
333	400	467	533	600	50	667	733	800	867	933	1000

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET					FEET						
1333	1600	1867	2133	2400	200	2667	2933	3200	3467	3733	4000
2000	2400	2800	3200	3600	300	4000	4400	4800	5200	5600	6000
2667	3200	3733	4267	4800	400	5333	5867	6400	6933	7467	8000
3333	4000	4667	5333	6000	500	6667	7333	8000	8667	9333	10000
4000	4800	5600	6400	7200	600	8000	8800	9600	10400	11200	12000

\*See index.



2 x 4,\*

1 x 8

LENGTH					Pieces	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
FEET						FEET					
340	408	476	544	612	51	680	748	816	884	952	1020
347	416	485	555	624	52	693	763	832	901	971	1040
353	424	495	565	636	53	707	777	848	919	989	1060
360	432	504	576	648	54	720	792	864	936	1008	1080
367	440	513	587	660	55	733	807	880	953	1027	1100
373	448	523	597	672	56	747	821	896	971	1045	1120
380	456	532	608	684	57	760	836	912	988	1064	1140
387	464	541	619	696	58	773	851	928	1005	1083	1160
393	472	551	629	708	59	787	865	944	1023	1101	1180
400	480	560	640	720	60	800	880	960	1040	1120	1200
407	488	569	651	732	61	813	895	976	1057	1139	1220
413	496	579	661	744	62	827	909	992	1075	1157	1240
420	504	588	672	756	63	840	924	1008	1092	1176	1260
427	512	597	683	768	64	853	939	1024	1109	1195	1280
433	520	607	693	780	65	867	953	1040	1127	1213	1300
440	528	616	704	792	66	880	968	1056	1144	1232	1320
447	536	625	715	804	67	893	983	1072	1161	1251	1340
453	544	635	725	816	68	907	997	1088	1179	1269	1360
460	552	644	736	828	69	920	1012	1104	1196	1288	1380
467	560	653	747	840	70	933	1027	1120	1213	1307	1400
473	568	663	757	852	71	947	1041	1136	1231	1325	1420
480	576	672	768	864	72	960	1056	1152	1248	1344	1440
487	584	681	779	876	73	973	1071	1168	1265	1363	1460
493	592	691	789	888	74	987	1085	1184	1283	1381	1480
500	600	700	800	900	75	1000	1100	1200	1300	1400	1500

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
507	608	709	811	912	76	1013	1115	1216	1317	1419	1520
513	616	719	821	924	77	1027	1129	1232	1335	1437	1540
520	624	728	832	936	78	1040	1144	1248	1352	1456	1560
527	632	737	843	948	79	1053	1159	1264	1369	1475	1580
533	640	747	853	960	80	1067	1173	1280	1387	1493	1600
540	648	756	864	972	81	1080	1188	1296	1404	1512	1620
547	656	765	875	984	82	1093	1203	1312	1421	1531	1640
553	664	775	885	996	83	1107	1217	1328	1439	1549	1660
560	672	784	896	1008	84	1120	1232	1344	1456	1568	1680
567	680	793	907	1020	85	1133	1247	1360	1473	1587	1700
573	688	803	917	1032	86	1147	1261	1376	1491	1605	1720
580	696	812	928	1044	87	1160	1276	1392	1508	1624	1740
587	704	821	939	1056	88	1173	1291	1408	1525	1643	1760
593	712	831	949	1068	89	1187	1305	1424	1543	1661	1780
600	720	840	960	1080	90	1200	1320	1440	1560	1680	1800
607	728	849	971	1092	91	1213	1335	1456	1577	1699	1820
613	736	859	981	1104	92	1227	1349	1472	1595	1717	1840
620	744	868	992	1116	93	1240	1364	1488	1612	1736	1860
627	752	877	1003	1128	94	1253	1379	1504	1629	1755	1880
633	760	887	1013	1140	95	1267	1393	1520	1647	1773	1900
640	768	896	1024	1152	96	1280	1408	1536	1664	1792	1920
647	776	905	1035	1164	97	1293	1423	1552	1681	1811	1940
653	784	915	1045	1176	98	1307	1437	1568	1699	1829	1960
660	792	924	1056	1188	99	1320	1452	1584	1716	1848	1980
667	800	933	1067	1200	100	1333	1467	1600	1733	1867	2000

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
4667	5600	6533	7467	8400	700	9333	10267	11200	12133	13067	14000
5333	6400	7467	8533	9600	800	10667	11733	12800	13867	14933	16000
6000	7200	8400	9600	10800	900	12000	13200	14400	15600	16800	18000
6667	8000	9333	10667	12000	1000	13333	14667	16000	17333	18667	20000
13333	16000	18667	21333	24000	2000	26667	29333	32000	34667	37333	40000

\*See index.

100r  
Odd  
ath1x8  
2x4

2x6

2x8  
4x4

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

21x14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

2 x 6, \* x 8  
1 x 12, 1½ x 8, or 3 x 4

LENGTH					Pieces	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
FEET						FEET					
10	12	14	16	18	1	20	22	24	26	28	30
20	24	28	32	36	2	40	44	48	52	56	60
30	36	42	48	54	3	60	66	72	78	84	90
40	48	56	64	72	4	80	88	96	104	112	120
50	60	70	80	90	5	100	110	120	130	140	150
60	72	84	96	108	6	120	132	144	156	168	180
70	84	98	112	126	7	140	154	168	182	196	210
80	96	112	128	144	8	160	176	192	208	224	240
90	108	126	144	162	9	180	198	216	234	252	270
100	120	140	160	180	10	200	220	240	260	280	300
110	132	154	176	198	11	220	242	264	286	308	330
120	144	168	192	216	12	240	264	288	312	336	360
130	156	182	208	234	13	260	286	312	338	364	390
140	168	196	224	252	14	280	308	336	364	392	420
150	180	210	240	270	15	300	330	360	390	420	450
160	192	224	256	288	16	320	352	384	416	448	480
170	204	238	272	306	17	340	374	408	442	476	510
180	216	252	288	324	18	360	396	432	468	504	540
190	228	266	304	342	19	380	418	456	494	532	570
200	240	280	320	360	20	400	440	480	520	560	600
210	252	294	336	378	21	420	462	504	546	588	630
220	264	308	352	396	22	440	484	528	572	616	660
230	276	322	368	414	23	460	506	552	598	644	690
240	288	336	384	432	24	480	528	576	624	672	720
250	300	350	400	450	25	500	550	600	650	700	750
10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
260	312	364	416	468	26	520	572	624	676	728	780
270	324	378	432	486	27	540	594	648	702	756	810
280	336	392	448	504	28	560	616	672	728	784	840
290	348	406	464	522	29	580	638	696	754	812	870
300	360	420	480	540	30	600	660	720	780	840	900
310	372	434	496	558	31	620	682	744	806	868	930
320	384	448	512	576	32	640	704	768	832	896	960
330	396	462	528	594	33	660	726	792	858	924	990
340	408	476	544	612	34	680	748	816	884	952	1020
350	420	490	560	630	35	700	770	840	910	980	1050
360	432	504	576	648	36	720	792	864	936	1008	1080
370	444	518	592	666	37	740	814	888	962	1036	1110
380	456	532	608	684	38	760	836	912	988	1064	1140
390	468	546	624	702	39	780	858	936	1014	1092	1170
400	480	560	640	720	40	800	880	960	1040	1120	1200
410	492	574	656	738	41	820	902	984	1066	1148	1230
420	504	588	672	756	42	840	924	1008	1092	1176	1260
430	516	602	688	774	43	860	946	1032	1118	1204	1290
440	528	616	704	792	44	880	968	1056	1144	1232	1320
450	540	630	720	810	45	900	990	1080	1170	1260	1350
460	552	644	736	828	46	920	1012	1104	1196	1288	1380
470	564	658	752	846	47	940	1034	1128	1222	1316	1410
480	576	672	768	864	48	960	1056	1152	1248	1344	1440
490	588	686	784	882	49	980	1078	1176	1274	1372	1470
500	600	700	800	900	50	1000	1100	1200	1300	1400	1500
10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
2000	2400	2800	3200	3600	200	4000	4400	4800	5200	5600	6000
3000	3600	4200	4800	5400	300	6000	6600	7200	7800	8400	9000
4000	4800	5600	6400	7200	400	8000	8800	9600	10400	11200	12000
5000	6000	7000	8000	9000	500	10000	11000	12000	13000	14000	15000
6000	7200	8400	9600	10800	600	12000	13200	14400	15600	16800	18000

\*See Index.



2 x 6,\*  
1 x 12, 1½ x 8, or 3 x 4

LENGTH						LENGTH					
10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
510	612	714	816	918	51	1020	1122	1224	1326	1428	1530
520	624	728	832	936	52	1040	1144	1248	1352	1456	1560
530	636	742	848	954	53	1060	1166	1272	1378	1484	1590
540	648	756	864	972	54	1080	1188	1296	1404	1512	1620
550	660	770	880	990	55	1100	1210	1320	1430	1540	1650
560	672	784	896	1008	56	1120	1232	1344	1456	1568	1680
570	684	798	912	1026	57	1140	1254	1368	1482	1596	1710
580	696	812	928	1044	58	1160	1276	1392	1508	1624	1740
590	708	826	944	1062	59	1180	1298	1416	1534	1652	1770
600	720	840	960	1080	60	1200	1320	1440	1560	1680	1800
610	732	854	976	1098	61	1220	1342	1464	1586	1708	1830
620	744	868	992	1116	62	1240	1364	1488	1612	1736	1860
630	756	882	1008	1134	63	1260	1386	1512	1638	1764	1890
640	768	896	1024	1152	64	1280	1408	1536	1664	1792	1920
650	780	910	1040	1170	65	1300	1430	1560	1690	1820	1950
660	792	924	1056	1188	66	1320	1452	1584	1716	1848	1980
670	804	938	1072	1206	67	1340	1474	1608	1742	1876	2010
680	816	952	1088	1224	68	1360	1496	1632	1768	1904	2040
690	828	966	1104	1242	69	1380	1518	1656	1794	1932	2070
700	840	980	1120	1260	70	1400	1540	1680	1820	1960	2100
710	852	994	1136	1278	71	1420	1562	1704	1846	1988	2130
720	864	1008	1152	1296	72	1440	1584	1728	1872	2016	2160
730	876	1022	1168	1314	73	1460	1606	1752	1898	2044	2190
740	888	1036	1184	1332	74	1480	1628	1776	1924	2072	2220
750	900	1050	1200	1350	75	1500	1650	1800	1950	2100	2250

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
760	912	1064	1216	1368	76	1520	1672	1824	1976	2128	2280
770	924	1078	1232	1386	77	1540	1694	1848	2002	2156	2310
780	936	1092	1248	1404	78	1560	1716	1872	2028	2184	2340
790	948	1106	1264	1422	79	1580	1738	1896	2054	2212	2370
800	960	1120	1280	1440	80	1600	1760	1920	2080	2240	2400
810	972	1134	1296	1458	81	1620	1782	1944	2106	2268	2430
820	984	1148	1312	1476	82	1640	1804	1968	2132	2296	2460
830	996	1162	1328	1494	83	1660	1826	1992	2158	2324	2490
840	1008	1176	1344	1512	84	1680	1848	2016	2184	2352	2520
850	1020	1190	1360	1530	85	1700	1870	2040	2210	2380	2550
860	1032	1204	1376	1548	86	1720	1892	2064	2236	2408	2580
870	1044	1218	1392	1566	87	1740	1914	2088	2262	2436	2610
880	1056	1232	1408	1584	88	1760	1936	2112	2288	2464	2640
890	1068	1246	1424	1602	89	1780	1958	2136	2314	2492	2670
900	1080	1260	1440	1620	90	1800	1980	2160	2340	2520	2700
910	1092	1274	1456	1638	91	1820	2002	2184	2366	2548	2730
920	1104	1288	1472	1656	92	1840	2024	2208	2392	2576	2760
930	1116	1302	1488	1674	93	1860	2046	2232	2418	2604	2790
940	1128	1316	1504	1692	94	1880	2068	2256	2444	2632	2820
950	1140	1330	1520	1710	95	1900	2090	2280	2470	2660	2850
960	1152	1344	1536	1728	96	1920	2112	2304	2496	2688	2880
970	1164	1358	1552	1746	97	1940	2134	2328	2522	2716	2910
980	1176	1372	1568	1764	98	1960	2156	2352	2548	2744	2940
990	1188	1386	1584	1782	99	1980	2178	2376	2574	2772	2970
1000	1200	1400	1600	1800	100	2000	2200	2400	2600	2800	3000

10	12	14	16	18		20	22	24	26	28	30
FEET					Pieces	FEET					
7000	8400	9800	11200	12600	700	14000	15400	16800	18200	19600	21000
8000	9600	11200	12800	14400	800	16000	17600	19200	20800	22400	24000
9000	10800	12600	14400	16200	900	18000	19800	21600	23400	25200	27000
10000	12000	14000	16000	18000	1000	20000	22000	24000	26000	28000	30000
20000	24000	28000	32000	36000	2000	40000	44000	48000	52000	56000	60000

\*See index.

100r  
Odd  
Lath

2x6

2x8  
4x4

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

2½x14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

12x16

For 2x16 }  
For 4x8 }  $\times 2$

2x8,\*  
4x4, or 1x16

LENGTH FEET					Pieces	LENGTH FEET					
10	12	14	16	18		20	22	24	26	28	30
13½	16	18½	21½	24	1	26½	29½	32	34½	37½	40
27	32	37	43	48	2	53	59	64	69	75	80
40	48	56	64	72	3	80	88	96	104	112	120
53	64	75	85	96	4	107	117	128	139	149	160
67	80	93	107	120	5	133	147	160	173	187	200
80	96	112	128	144	6	160	176	192	208	224	240
93	112	131	149	168	7	187	205	224	243	261	280
107	128	149	171	192	8	213	235	256	277	299	320
120	144	168	192	216	9	240	264	288	312	336	360
133	160	187	213	240	10	267	293	320	347	373	400
147	176	205	235	264	11	293	323	352	381	411	440
160	192	224	256	288	12	320	352	384	416	448	480
173	208	243	277	312	13	347	381	416	451	485	520
187	224	261	299	336	14	373	411	448	485	523	560
200	240	280	320	360	15	400	440	480	520	560	600
213	256	299	341	384	16	427	469	512	555	597	640
227	272	317	363	408	17	453	499	544	589	635	680
240	288	336	384	432	18	480	528	576	624	672	720
253	304	355	405	456	19	507	557	608	659	709	760
267	320	373	427	480	20	533	587	640	693	747	800
280	336	392	448	504	21	560	616	672	728	784	840
293	352	411	469	528	22	587	645	704	763	821	880
307	368	429	491	552	23	613	675	736	797	859	920
320	384	448	512	576	24	640	704	768	832	896	960
333	400	467	533	600	25	667	733	800	867	933	1000
FEET					Pieces	FEET					
10	12	14	16	18		20	22	24	26	28	30
347	416	485	555	624	26	693	763	832	901	971	1040
360	432	504	576	648	27	720	792	864	936	1008	1080
373	448	523	597	672	28	747	821	896	971	1045	1120
387	464	541	619	696	29	773	851	928	1005	1083	1160
400	480	560	640	720	30	800	880	960	1040	1120	1200
413	496	579	661	744	31	827	909	992	1075	1157	1240
427	512	597	683	768	32	853	939	1024	1109	1195	1280
440	528	616	704	792	33	880	968	1056	1144	1232	1320
453	544	635	725	816	34	907	997	1088	1179	1269	1360
467	560	653	747	840	35	933	1027	1120	1213	1307	1400
480	576	672	768	864	36	960	1056	1152	1248	1344	1440
493	592	691	789	888	37	987	1085	1184	1283	1381	1480
507	608	709	811	912	38	1013	1115	1216	1317	1419	1520
520	624	728	832	936	39	1040	1144	1248	1352	1456	1560
533	640	747	853	960	40	1067	1173	1280	1387	1493	1600
547	656	765	875	984	41	1093	1203	1312	1421	1531	1640
560	672	784	896	1008	42	1120	1232	1344	1456	1568	1680
573	688	803	917	1032	43	1147	1261	1376	1491	1605	1720
587	704	821	939	1056	44	1173	1291	1408	1525	1643	1760
600	720	840	960	1080	45	1200	1320	1440	1560	1680	1800
613	736	859	981	1104	46	1227	1349	1472	1595	1717	1840
627	752	877	1003	1128	47	1253	1379	1504	1629	1755	1880
640	768	896	1024	1152	48	1280	1408	1536	1664	1792	1920
653	784	915	1045	1176	49	1307	1437	1568	1699	1829	1960
667	800	933	1067	1200	50	1333	1467	1600	1733	1867	2000
FEET					Pieces	FEET					
10	12	14	16	18		20	22	24	26	28	30
2067	3200	3733	4267	4800	200	5333	5867	6400	6933	7467	8000
4000	4800	5600	6400	7200	300	8000	8800	9600	10400	11200	12000
5333	6400	7467	8533	9600	400	10667	11733	12800	13867	14933	16000
6667	8000	9333	10667	12000	500	13333	14667	16000	17333	18667	20000
8000	9600	11200	12800	14400	600	16000	17600	19200	20800	22400	24000

\*See Index.



For 2 x 16 }  
For 4 x 8 } x 2

2 x 8,\*  
4 x 4, or 1 x 16

floor  
Odd  
ath

LENGTH					Pieces	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
FEET						FEET					
680	816	952	1088	1224	51	1360	1496	1632	1768	1904	2040
693	832	971	1109	1248	52	1387	1525	1664	1803	1941	2080
707	848	989	1131	1272	53	1413	1555	1696	1837	1979	2120
720	864	1008	1152	1296	54	1440	1584	1728	1872	2016	2160
733	880	1027	1173	1320	55	1467	1613	1760	1907	2053	2200
747	896	1045	1195	1344	56	1493	1643	1792	1941	2091	2240
760	912	1064	1216	1368	57	1520	1672	1824	1976	2128	2280
773	928	1083	1237	1392	58	1547	1701	1856	2011	2165	2320
787	944	1101	1259	1416	59	1573	1731	1888	2045	2203	2360
800	960	1120	1280	1440	60	1600	1760	1920	2080	2240	2400
813	976	1139	1301	1464	61	1627	1789	1952	2115	2277	2440
827	992	1157	1323	1488	62	1653	1819	1984	2149	2315	2480
840	1008	1176	1344	1512	63	1680	1848	2016	2184	2352	2520
853	1024	1195	1365	1536	64	1707	1877	2048	2219	2389	2560
867	1040	1213	1387	1560	65	1733	1907	2080	2253	2427	2600
880	1056	1232	1408	1584	66	1760	1936	2112	2288	2464	2640
893	1072	1251	1429	1608	67	1787	1965	2144	2323	2501	2680
907	1088	1269	1451	1632	68	1813	1995	2176	2357	2539	2720
920	1104	1288	1472	1656	69	1840	2024	2208	2392	2576	2760
933	1120	1307	1493	1680	70	1867	2053	2240	2427	2613	2800
947	1136	1325	1515	1704	71	1893	2083	2272	2461	2651	2840
960	1152	1344	1536	1728	72	1920	2112	2304	2496	2688	2880
973	1168	1363	1557	1752	73	1947	2141	2336	2531	2725	2920
987	1184	1381	1579	1776	74	1973	2171	2368	2565	2763	2960
1000	1200	1400	1600	1800	75	2000	2200	2400	2600	2800	3000

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
1013	1216	1419	1621	1824	76	2027	2229	2432	2635	2837	3040
1027	1232	1437	1643	1848	77	2053	2259	2464	2669	2875	3080
1040	1248	1456	1664	1872	78	2080	2288	2496	2704	2912	3120
1053	1264	1475	1685	1896	79	2107	2317	2528	2739	2949	3160
1067	1280	1493	1707	1920	80	2133	2347	2560	2773	2987	3200
1080	1296	1512	1728	1944	81	2160	2376	2592	2808	3024	3240
1093	1312	1531	1749	1968	82	2187	2405	2624	2843	3061	3280
1107	1328	1549	1771	1992	83	2213	2435	2656	2877	3099	3320
1120	1344	1568	1792	2016	84	2240	2464	2688	2912	3136	3360
1133	1360	1587	1813	2040	85	2267	2493	2720	2947	3173	3400
1147	1376	1605	1835	2064	86	2293	2523	2752	2981	3211	3440
1160	1392	1624	1856	2088	87	2320	2552	2784	3016	3248	3480
1173	1408	1643	1877	2112	88	2347	2581	2816	3051	3285	3520
1187	1424	1661	1899	2136	89	2373	2611	2848	3085	3323	3560
1200	1440	1680	1920	2160	90	2400	2640	2880	3120	3360	3600
1213	1456	1699	1941	2184	91	2427	2669	2912	3155	3397	3640
1227	1472	1717	1963	2208	92	2453	2699	2944	3189	3435	3680
1240	1488	1736	1984	2232	93	2480	2728	2976	3224	3472	3720
1253	1504	1755	2005	2256	94	2507	2757	3008	3259	3509	3760
1267	1520	1773	2027	2280	95	2533	2787	3040	3293	3547	3800
1280	1536	1792	2048	2304	96	2560	2816	3072	3328	3584	3840
1293	1552	1811	2069	2328	97	2587	2845	3104	3363	3621	3880
1307	1568	1829	2091	2352	98	2613	2875	3136	3397	3659	3920
1320	1584	1848	2112	2376	99	2640	2904	3168	3432	3696	3960
1333	1600	1867	2133	2400	100	2667	2933	3200	3467	3733	4000

1012141618					Pieces	202224262830					
FEET						FEET					
9333	11200	13067	14933	16800	700	18667	20533	22400	24267	26133	28000
10667	12800	14933	17067	19200	800	21333	23467	25600	27733	29867	32000
12000	14400	16800	19200	21600	900	24000	26400	28800	31200	33600	36000
13333	16000	18667	21333	24000	1000	26667	29333	32000	34667	37333	40000
26667	32000	37333	42667	48000	2000	53333	58667	64000	69233	74667	80000

\*See index.

2x8  
4x4

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

2 1/2 x 14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

12x16

$$2 \times 10^*$$

$1\frac{1}{4} \times 16, 2\frac{1}{2} \times 8, 4 \times 5, \text{ or } 1 \times 20$

LENGTH 10 12 14 16 18					Pieces	LENGTH 20 22 24 26 28 30					
FEET						FEET					
16 $\frac{2}{3}$	20	23 $\frac{1}{3}$	26 $\frac{2}{3}$	30	1	33 $\frac{1}{3}$	36 $\frac{2}{3}$	40	43 $\frac{1}{3}$	46 $\frac{2}{3}$	50
33	40	47	53	60	2	67	73	80	87	93	100
50	60	70	80	90	3	100	110	120	130	140	150
67	80	93	107	120	4	133	147	160	173	187	200
83	100	117	133	150	5	167	183	200	217	233	250
100	120	140	160	180	6	200	220	240	260	280	300
117	140	163	187	210	7	233	257	280	303	327	350
133	160	187	213	240	8	267	293	320	347	373	400
150	180	210	240	270	9	300	330	360	390	420	450
167	200	233	267	300	10	333	367	400	433	467	500
183	220	257	293	330	11	367	403	440	477	513	550
200	240	280	320	360	12	400	440	480	520	560	600
217	260	303	347	390	13	433	477	520	563	607	650
233	280	327	373	420	14	467	513	560	607	653	700
250	300	350	400	450	15	500	550	600	650	700	750
267	320	373	427	480	16	533	587	640	693	747	800
283	340	397	453	510	17	567	623	680	737	793	850
300	360	420	480	540	18	600	660	720	780	840	900
317	380	443	507	570	19	633	697	760	823	887	950
333	400	467	533	600	20	667	733	800	867	933	1000
350	420	490	560	630	21	700	770	840	910	980	1050
367	440	513	587	660	22	733	807	880	953	1027	1100
383	460	537	613	690	23	767	843	920	997	1073	1150
400	480	560	640	720	24	800	880	960	1040	1120	1200
417	500	583	667	750	25	833	917	1000	1083	1167	1250

10	12	14	16	18		20	22	24	26	28	30
FEET					Pieces	FEET					
433	520	607	693	780		867	953	1040	1127	1213	1300
450	540	630	720	810	27	900	990	1080	1170	1260	1350
467	560	653	747	840	28	933	1027	1120	1213	1307	1400
483	580	677	773	870	29	967	1063	1160	1257	1353	1450
500	600	700	800	900	30	1000	1100	1200	1300	1400	1500
517	620	723	827	930	31	1033	1137	1240	1343	1447	1550
533	640	747	853	960	32	1067	1173	1280	1387	1493	1600
550	660	770	880	990	33	1100	1210	1320	1430	1540	1650
567	680	793	907	1020	34	1133	1247	1360	1473	1587	1700
583	700	817	933	1050	35	1167	1283	1400	1517	1633	1750
600	720	840	960	1080	36	1200	1320	1440	1560	1680	1800
617	740	863	987	1110	37	1233	1357	1480	1603	1727	1850
633	760	887	1013	1140	38	1267	1393	1520	1647	1773	1900
650	780	910	1040	1170	39	1300	1430	1560	1690	1820	1950
667	800	933	1067	1200	40	1333	1467	1600	1733	1867	2000
683	820	957	1093	1230	41	1367	1503	1640	1777	1913	2050
700	840	980	1120	1260	42	1400	1540	1680	1820	1960	2100
717	860	1003	1147	1290	43	1433	1577	1720	1863	2007	2150
733	880	1027	1173	1320	44	1467	1613	1760	1907	2053	2200
750	900	1050	1200	1350	45	1500	1650	1800	1950	2100	2250
767	920	1073	1227	1380	46	1533	1687	1840	1993	2147	2300
783	940	1097	1253	1410	47	1567	1723	1880	2037	2193	2350
800	960	1120	1280	1440	48	1600	1760	1920	2080	2240	2400
817	980	1143	1307	1470	49	1633	1797	1960	2123	2287	2450
833	1000	1167	1333	1500	50	1667	1833	2000	2167	2333	2500

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
3333	4000	4667	5333	6000	200	6667	7333	8000	8667	9333	10000
5000	6000	7000	8000	9000	300	10000	11000	12000	13000	14000	15000
6667	8000	9333	10667	12000	400	13333	14667	16000	17333	18667	20000
8333	10000	11667	13333	15000	500	16667	18333	20000	21667	23333	25000
10000	12000	14000	16000	18000	600	20000	22000	24000	26000	28000	30000

\*See index.

2011 008\*



2 x 10, \* \* \*

1 1/4 x 16, 2 1/2 x 8, 4 x 5, or 1 x 20

Floor  
Odd  
Lath

LENGTH					Pieces	LENGTH					
19	12	14	16	18		20	22	24	26	28	30
FEET						FEET					
850	1020	1190	1360	1530	51	1700	1870	2040	2210	2380	2550
867	1040	1213	1387	1560	52	1733	1907	2080	2253	2427	2600
883	1060	1237	1413	1590	53	1767	1943	2120	2297	2473	2650
900	1080	1260	1440	1620	54	1800	1980	2160	2340	2520	2700
917	1100	1283	1467	1650	55	1833	2017	2200	2383	2567	2750
933	1120	1307	1493	1680	56	1867	2053	2240	2427	2613	2800
950	1140	1330	1520	1710	57	1900	2090	2280	2470	2660	2850
967	1160	1353	1547	1740	58	1933	2127	2320	2513	2707	2900
983	1180	1377	1573	1770	59	1967	2163	2360	2557	2753	2950
1000	1200	1400	1600	1800	60	2000	2200	2400	2600	2800	3000
1017	1220	1423	1627	1830	61	2033	2237	2440	2643	2847	3050
1033	1240	1447	1653	1860	62	2067	2273	2480	2687	2893	3100
1050	1260	1470	1680	1890	63	2100	2310	2520	2730	2940	3150
1067	1280	1493	1707	1920	64	2133	2347	2560	2773	2987	3200
1083	1300	1517	1733	1950	65	2167	2383	2600	2817	3033	3250
1100	1320	1540	1760	1980	66	2200	2420	2640	2860	3080	3300
1117	1340	1563	1787	2010	67	2233	2457	2680	2903	3127	3350
1133	1360	1587	1813	2040	68	2267	2493	2720	2947	3173	3400
1150	1380	1610	1840	2070	69	2300	2530	2760	2990	3220	3450
1167	1400	1633	1867	2100	70	2333	2567	2800	3033	3267	3500
1183	1420	1657	1893	2130	71	2367	2603	2840	3077	3313	3550
1200	1440	1680	1920	2160	72	2400	2640	2880	3120	3360	3600
1217	1460	1703	1947	2190	73	2433	2677	2920	3163	3407	3650
1233	1480	1727	1973	2220	74	2467	2713	2960	3207	3453	3700
1250	1500	1750	2000	2250	75	2500	2750	3000	3250	3500	3750

10	12	14	16	18	Pieces	20	22	24	26	28	30
FEET						FEET					
1267	1520	1773	2027	2280	76	2533	2787	3040	3293	3547	3800
1283	1540	1797	2053	2310	77	2567	2823	3080	3337	3593	3850
1300	1560	1820	2080	2340	78	2600	2860	3120	3380	3640	3900
1317	1580	1843	2107	2370	79	2633	2897	3160	3423	3687	3950
1333	1600	1867	2133	2400	80	2667	2933	3200	3467	3733	4000
1350	1620	1890	2160	2430	81	2700	2970	3240	3510	3780	4050
1367	1640	1913	2187	2460	82	2733	3007	3280	3553	3827	4100
1383	1660	1937	2213	2490	83	2767	3043	3320	3597	3873	4150
1400	1680	1960	2240	2520	84	2800	3080	3360	3640	3920	4200
1417	1700	1983	2267	2550	85	2833	3117	3400	3683	3967	4250
1433	1720	2007	2293	2580	86	2867	3153	3440	3727	4013	4300
1450	1740	2030	2320	2610	87	2900	3190	3480	3770	4060	4350
1467	1760	2053	2347	2640	88	2933	3227	3520	3813	4107	4400
1483	1780	2077	2373	2670	89	2967	3263	3560	3857	4153	4450
1500	1800	2100	2400	2700	90	3000	3300	3600	3900	4200	4500
1517	1820	2123	2427	2730	91	3033	3337	3640	3943	4247	4550
1533	1840	2147	2453	2760	92	3067	3373	3680	3987	4293	4600
1550	1860	2170	2480	2790	93	3100	3410	3720	4030	4340	4650
1567	1880	2193	2507	2820	94	3133	3447	3760	4073	4387	4700
1583	1900	2217	2533	2850	95	3167	3483	3800	4117	4433	4750
1600	1920	2240	2560	2880	96	3200	3520	3840	4160	4480	4800
1617	1940	2263	2587	2910	97	3233	3557	3880	4203	4527	4850
1633	1960	2287	2613	2940	98	3267	3593	3920	4247	4573	4900
1650	1980	2310	2640	2970	99	3300	3630	3960	4290	4620	4950
1667	2000	2333	2667	3000	100	3333	3667	4000	4333	4667	5000

1012141618					Pieces	202224262830					
FEET						FEET					
11667	14000	16333	18667	21000	700	23333	25667	28000	30333	32667	35000
13333	16000	18667	21333	24000	800	26667	29333	32000	34667	37333	40000
15000	18000	21000	24000	27000	900	30000	33000	36000	39000	42000	45000
16667	20000	23333	26667	30000	1000	33333	36667	40000	43333	46667	50000
33333	40000	46667	53333	60000	2000	66667	73333	80000	86667	93333	100000

\*See index.

2x10

3x8

2x12

4x6

5x5

3x6

1x14

2x14

2 1/2 x 14

3x10

3x14

4x10

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

12x16

2 x 12,\*  
4 x 6, 3 x 8, 1½ x 16, or 1 x 24

LENGTH 10 12 14 16 18 FEET					Pieces	LENGTH 20 22 24 26 28 30 FEET					
10	12	14	16	18		20	22	24	26	28	30
20	24	28	32	36	1	40	44	48	52	56	60
40	48	56	64	72	2	80	88	96	104	112	120
60	72	84	96	108	3	120	132	144	156	168	180
80	96	112	128	144	4	160	176	192	208	224	240
100	120	140	160	180	5	200	220	240	260	280	300
120	144	168	192	216	6	240	264	288	312	336	360
140	168	196	224	252	7	280	308	336	364	392	420
160	192	224	256	288	8	320	352	384	416	448	480
180	216	252	288	324	9	360	396	432	468	504	540
200	240	280	320	360	10	400	440	480	520	560	600
220	264	308	352	396	11	440	484	528	572	616	660
240	288	336	384	432	12	480	528	576	624	672	720
260	312	364	416	468	13	520	572	624	676	728	780
280	336	392	448	504	14	560	616	672	728	784	840
300	360	420	480	540	15	600	660	720	780	840	900
320	384	448	512	576	16	640	704	768	832	896	960
340	408	476	544	612	17	680	748	816	884	952	1020
360	432	504	576	648	18	720	792	864	936	1008	1080
380	456	532	608	684	19	760	836	912	988	1064	1140
400	480	560	640	720	20	800	880	960	1040	1120	1200
420	504	588	672	756	21	840	924	1008	1092	1176	1260
440	528	616	704	792	22	880	968	1056	1144	1232	1320
460	552	644	736	828	23	920	1012	1104	1196	1288	1380
480	576	672	768	864	24	960	1056	1152	1248	1344	1440
500	600	700	800	900	25	1000	1100	1200	1300	1400	1500

LENGTH 10 12 14 16 18 FEET					Pieces	LENGTH 20 22 24 26 28 30 FEET					
10	12	14	16	18		20	22	24	26	28	30
520	624	728	832	936	26	1040	1144	1248	1352	1456	1560
540	648	756	864	972	27	1080	1188	1296	1404	1512	1620
560	672	784	896	1008	28	1120	1232	1344	1456	1568	1680
580	696	812	928	1044	29	1160	1276	1392	1508	1624	1740
600	720	840	960	1080	30	1200	1320	1440	1560	1680	1800
620	744	868	992	1116	31	1240	1364	1488	1612	1736	1860
640	768	896	1024	1152	32	1280	1408	1536	1664	1792	1920
660	792	924	1056	1188	33	1320	1452	1584	1716	1848	1980
680	816	952	1088	1224	34	1360	1496	1632	1768	1904	2040
700	840	980	1120	1260	35	1400	1540	1680	1820	1960	2100
720	864	1008	1152	1296	36	1440	1584	1728	1872	2016	2160
740	888	1036	1184	1332	37	1480	1628	1776	1924	2072	2220
760	912	1064	1216	1368	38	1520	1672	1824	1976	2128	2280
780	936	1092	1248	1404	39	1560	1716	1872	2028	2184	2340
800	960	1120	1280	1440	40	1600	1760	1920	2080	2240	2400
820	984	1148	1312	1476	41	1640	1804	1968	2132	2296	2460
840	1008	1176	1344	1512	42	1680	1848	2016	2184	2352	2520
860	1032	1204	1376	1548	43	1720	1892	2064	2236	2408	2580
880	1056	1232	1408	1584	44	1760	1936	2112	2288	2464	2640
900	1080	1260	1440	1620	45	1800	1980	2160	2340	2520	2700
920	1104	1288	1472	1656	46	1840	2024	2208	2392	2576	2760
940	1128	1316	1504	1692	47	1880	2068	2256	2444	2632	2820
960	1152	1344	1536	1728	48	1920	2112	2304	2496	2688	2880
980	1176	1372	1568	1764	49	1960	2156	2352	2548	2744	2940
1000	1200	1400	1600	1800	50	2000	2200	2400	2600	2800	3000

LENGTH 10 12 14 16 18 FEET					Pieces	LENGTH 20 22 24 26 28 30 FEET					
10	12	14	16	18		20	22	24	26	28	30
4000	4800	5600	6400	7200	200	8000	8800	9600	10400	11200	12000
6000	7200	8400	9600	10800	300	12000	13200	14400	15600	16800	18000
8000	9600	11200	12800	14400	400	16000	17600	19200	20800	22400	24000
10000	12000	14000	16000	18000	500	20000	22000	24000	26000	28000	30000
12000	14400	16800	19200	21600	600	24000	26400	28800	31200	33600	36000

\*See index.



2 x 12,\*  
1½ x 16, 1 x 24, 4 x 6, 3 x 8

Floor  
Odd  
Lath

LENGTH 10 12 14 16 18 FEET					Pieces	LENGTH 20 22 24 26 28 30 FEET				
10	12	14	16	18		20	22	24	26	28 30
1020	1224	1428	1632	1836	51	2040	2244	2448	2652	2856 3060
1040	1248	1456	1664	1872	52	2080	2288	2496	2704	2912 3120
1060	1272	1484	1696	1908	53	2120	2332	2544	2756	2968 3180
1080	1296	1512	1728	1944	54	2160	2376	2592	2808	3024 3240
1100	1320	1540	1760	1980	55	2200	2420	2640	2860	3080 3300
1120	1344	1568	1792	2016	56	2240	2464	2688	2912	3136 3360
1140	1368	1596	1824	2052	57	2280	2508	2736	2964	3192 3420
1160	1392	1624	1856	2088	58	2320	2552	2784	3016	3248 3480
1180	1416	1652	1888	2124	59	2360	2596	2832	3068	3304 3540
1200	1440	1680	1920	2160	60	2400	2640	2880	3120	3360 3600
1220	1464	1708	1952	2196	61	2440	2684	2928	3172	3416 3660
1240	1488	1736	1984	2232	62	2480	2728	2976	3224	3472 3720
1260	1512	1764	2016	2268	63	2520	2772	3024	3276	3528 3780
1280	1536	1792	2048	2304	64	2560	2816	3072	3328	3584 3840
1300	1560	1820	2080	2340	65	2600	2860	3120	3380	3640 3900
1320	1584	1848	2112	2376	66	2640	2904	3168	3432	3696 3960
1340	1608	1876	2144	2412	67	2680	2948	3216	3484	3752 4020
1360	1632	1904	2176	2448	68	2720	2992	3264	3536	3808 4080
1380	1656	1932	2208	2484	69	2760	3036	3312	3588	3864 4140
1400	1680	1960	2240	2520	70	2800	3080	3360	3640	3920 4200
1420	1704	1988	2272	2556	71	2840	3124	3408	3692	3976 4260
1440	1728	2016	2304	2592	72	2880	3168	3456	3744	4032 4320
1460	1752	2044	2336	2628	73	2920	3212	3504	3796	4088 4380
1480	1776	2072	2368	2664	74	2960	3256	3552	3848	4144 4440
1500	1800	2100	2400	2700	75	3000	3300	3600	3900	4200 4500

LENGTH 10 12 14 16 18 FEET					Pieces	LENGTH 20 22 24 26 28 30 FEET				
10	12	14	16	18		20	22	24	26	28 30
1520	1824	2128	2432	2736	76	3040	3344	3648	3952	4256 4560
1540	1848	2156	2464	2772	77	3080	3388	3696	4004	4312 4620
1560	1872	2184	2496	2808	78	3120	3432	3744	4056	4368 4680
1580	1896	2212	2528	2844	79	3160	3476	3792	4108	4424 4740
1600	1920	2240	2560	2880	80	3200	3520	3840	4160	4480 4800
1620	1944	2268	2592	2916	81	3240	3564	3888	4212	4536 4860
1640	1968	2296	2624	2952	82	3280	3608	3936	4264	4592 4920
1660	1992	2324	2656	2988	83	3320	3652	3984	4316	4648 4980
1680	2016	2352	2688	3024	84	3360	3696	4032	4368	4704 5040
1700	2040	2380	2720	3060	85	3400	3740	4080	4420	4760 5100
1720	2064	2408	2752	3096	86	3440	3784	4128	4472	4816 5160
1740	2088	2436	2784	3132	87	3480	3828	4176	4524	4872 5220
1760	2112	2464	2816	3168	88	3520	3872	4224	4576	4928 5280
1780	2136	2492	2848	3204	89	3560	3916	4272	4628	4984 5340
1800	2160	2520	2880	3240	90	3600	3960	4320	4680	5040 5400
1820	2184	2548	2912	3276	91	3640	4004	4368	4732	5096 5460
1840	2208	2576	2944	3312	92	3680	4048	4416	4784	5152 5520
1860	2232	2604	2976	3348	93	3720	4092	4464	4836	5208 5580
1880	2256	2632	3008	3384	94	3760	4136	4512	4888	5264 5640
1900	2280	2660	3040	3420	95	3800	4180	4560	4940	5320 5700
1920	2304	2688	3072	3456	96	3840	4224	4608	4992	5376 5760
1940	2328	2716	3104	3492	97	3880	4268	4656	5044	5432 5820
1960	2352	2744	3136	3528	98	3920	4312	4704	5096	5488 5880
1980	2376	2772	3168	3564	99	3960	4356	4752	5148	5544 5940
2000	2400	2800	3200	3600	100	4000	4400	4800	5200	5600 6000

LENGTH 10 12 14 16 18 FEET					Pieces	LENGTH 20 22 24 26 28 30 FEET				
10	12	14	16	18		20	22	24	26	28 30
14000	16800	19600	22400	25200	700	28000	30800	33600	36400	39200 42000
16000	19200	22400	25600	28800	800	32000	35200	38400	41600	44800 48000
18000	21600	25200	28800	32400	900	36000	39600	43200	46800	50400 54000
20000	24000	28000	32000	36000	1000	40000	44000	48000	52000	56000 60000
40000	48000	56000	64000	72000	2000	80000	88000	96000	104000	112000 120000

See index.

3x8  
2x12  
4x6

5x5  
3x6

1x14  
2x14

2½x14  
3x10

3x14  
4x10

6x6

6x8  
8x8

8x10

10x10  
8x14

10x12

10x14  
12x12

12x14

For 3x18 }  
For 6x9 }  $\times 3$

3x6,  
 $2\frac{1}{2} \times 8, 1\frac{1}{2} \times 12, 1 \times 18, 2 \times 9, \text{ or } 4 \times 4\frac{1}{2}$

For 1x9 }  
For 3x3 }  $\div 2$   
For  $1\frac{1}{2} \times 6$   
For  $2\frac{1}{4} \times 4$

LENGTH					Pieces	LENGTH				
10	12	14 FEET	16	18		20	22	24 FEET	26	28
15	18	21	24	27	1	30	33	36	39	42
30	36	42	48	54	2	60	66	72	78	84
45	54	63	72	81	3	90	99	108	117	126
60	72	84	96	108	4	120	132	144	156	168
75	90	105	120	135	5	150	165	180	195	210
90	108	126	144	162	6	180	198	216	234	252
105	126	147	168	189	7	210	231	252	273	294
120	144	168	192	216	8	240	264	288	312	336
135	162	189	216	243	9	270	297	324	351	378
150	180	210	240	270	10	300	330	360	390	420
165	198	231	264	297	11	330	363	396	429	462
180	216	252	288	324	12	360	396	432	468	504
195	234	273	312	351	13	390	429	468	507	546
210	252	294	336	378	14	420	462	504	546	588
225	270	315	360	405	15	450	495	540	585	630
240	288	336	384	432	16	480	528	576	624	672
255	306	357	408	459	17	510	561	612	663	714
270	324	378	432	486	18	540	594	648	702	756
285	342	399	456	513	19	570	627	684	741	798
300	360	420	480	540	20	600	660	720	780	840
315	378	441	504	567	21	630	693	756	819	882
330	396	462	528	594	22	660	726	792	858	924
345	414	483	552	621	23	690	759	828	897	966
360	432	504	576	648	24	720	792	864	936	1008
375	450	525	600	675	25	750	825	900	975	1050

10	12	14	16	18	Pieces	20	22	24	26	28
FEET						FEET				
390	468	546	624	702	26	780	858	936	1014	1092
405	486	567	648	729	27	810	891	972	1053	1134
420	504	588	672	756	28	840	924	1008	1092	1176
435	522	609	696	783	29	870	957	1044	1131	1218
450	540	630	720	810	30	900	990	1080	1170	1260
465	558	651	744	837	31	930	1023	1116	1209	1302
480	576	672	768	864	32	960	1056	1152	1248	1344
495	594	693	792	891	33	990	1089	1188	1287	1386
510	612	714	816	918	34	1020	1122	1224	1326	1428
525	630	735	840	945	35	1050	1155	1260	1365	1470
540	648	756	864	972	36	1080	1188	1296	1404	1512
555	666	777	888	999	37	1110	1221	1332	1443	1554
570	684	798	912	1026	38	1140	1254	1368	1482	1596
585	702	819	936	1053	39	1170	1287	1404	1521	1638
600	720	840	960	1080	40	1200	1320	1440	1560	1680
615	738	861	984	1107	41	1230	1353	1476	1599	1722
630	756	882	1008	1134	42	1260	1386	1512	1638	1764
645	774	903	1032	1161	43	1290	1419	1548	1677	1806
660	792	924	1056	1188	44	1320	1452	1584	1716	1848
675	810	945	1080	1215	45	1350	1485	1620	1755	1890
690	828	966	1104	1242	46	1380	1518	1656	1794	1932
705	846	987	1128	1269	47	1410	1551	1692	1833	1974
720	864	1008	1152	1296	48	1440	1584	1728	1872	2016
735	882	1029	1176	1323	49	1470	1617	1764	1911	2058
750	900	1050	1200	1350	50	1500	1650	1800	1950	2100

1012141618					PIECES	2022242628				
FEET						FEET				
1500	1800	2100	2400	2700	100	3000	3300	3600	3900	4200
3000	3600	4200	4800	5400	200	6000	6600	7200	7800	8400
4500	5400	6300	7200	8100	300	9000	9900	10800	11700	12600
6000	7200	8400	9600	10800	400	12000	13200	14400	15600	16800
7500	9000	10500	12000	13500	500	15000	16500	18000	19500	21000



For 5x10 }  
For 2½x20 } × 2  
For 5x15, × 3

5 x 5,

2½ x 10, 1¼ x 20, or 2 x 12½

Floor  
Odd  
Lath

LENGTH					Pieces	LENGTH				
10	12	14	16	18		20	6	7	8	9
FEET						FEET				
20½	25	29½	33½	37½	1	41½	12½	14½	16½	18½
42	50	58	67	75	2	83	25	29	33	38
63	75	88	100	113	3	125	38	44	50	56
83	100	117	133	150	4	167	50	58	67	75
104	125	146	167	188	5	208	63	73	83	94
125	150	175	200	225	6	250	75	88	100	113
146	175	204	233	263	7	292	88	101	117	131
167	200	233	267	300	8	333	100	117	133	150
188	225	263	300	339	9	375	113	131	150	169
208	250	292	333	375	10	417	125	146	167	188
229	275	321	367	413	11	458	138	160	183	206
250	300	350	400	450	12	500	150	175	200	225
271	325	379	433	488	13	542	163	190	217	244
292	350	408	467	525	14	583	175	204	233	263
313	375	438	500	563	15	625	188	219	250	281
333	400	467	533	600	16	667	200	233	267	300
354	425	496	567	638	17	708	213	248	283	319
375	450	525	600	675	18	750	225	263	300	338
396	475	554	633	713	19	792	238	277	317	356
417	500	583	667	750	20	833	250	292	333	375
438	525	613	700	788	21	875	263	306	350	394
458	550	642	733	825	22	917	275	321	367	413
479	575	671	767	863	23	958	288	335	383	431
500	600	700	800	900	24	1000	300	350	400	450
521	625	729	833	938	25	1042	313	365	417	469

10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
542	650	758	867	975	26	1083	325	379	433	488
563	675	788	900	1013	27	1125	338	394	450	506
583	700	817	933	1050	28	1167	350	408	467	525
604	725	846	967	1088	29	1208	363	423	483	544
625	750	875	1000	1125	30	1250	375	438	500	563
646	775	904	1033	1163	31	1292	388	452	517	581
667	800	933	1067	1200	32	1333	400	467	533	600
688	825	963	1100	1238	33	1375	413	481	550	619
708	850	992	1133	1275	34	1417	425	496	567	638
729	875	1021	1167	1313	35	1458	438	510	583	656
750	900	1050	1200	1350	36	1500	450	525	600	675
771	925	1079	1233	1388	37	1542	463	540	617	694
792	950	1108	1267	1425	38	1583	475	554	633	713
813	975	1138	1300	1463	39	1625	488	569	650	731
833	1000	1167	1333	1500	40	1667	500	583	667	750
854	1025	1196	1367	1538	41	1708	513	598	683	769
875	1050	1225	1400	1575	42	1750	525	613	700	788
896	1075	1254	1433	1613	43	1792	538	627	717	806
917	1100	1283	1467	1650	44	1833	550	642	733	825
938	1125	1313	1500	1688	45	1875	563	656	750	844
958	1150	1342	1533	1725	46	1917	575	671	767	863
979	1175	1371	1567	1763	47	1958	588	685	783	881
1000	1200	1400	1600	1800	48	2000	600	700	800	900
1021	1225	1429	1633	1838	49	2042	613	715	817	919
1042	1250	1458	1667	1875	50	2083	625	729	833	938

10	12	14	16	18	Pieces	20	6	7	8	9
FEET						FEET				
2083	2500	2917	3333	3750	100	4167	1250	1458	1667	1875
4167	5000	5833	6667	7500	200	8333	2500	2916	3332	3750
6250	7500	8750	10000	11250	300	12500	3750	4375	5000	5625
8333	10000	11667	13333	15000	400	16667	5000	5833	6667	7500
10417	12500	14583	16667	18750	500	20833	6250	7292	8333	9375

5x5  
3x6

1x14  
2x14

2½x14  
3x10

3x14  
4x10

6x6

6x8  
8x8

8x10

10x10  
8x14

10x12

10x14  
12x12

12x14

For  $3\frac{1}{2} \times 16$   
 For  $7 \times 8$   
 For  $4 \times 14$  }  $\times 2$

$2 \times 14$

$4 \times 7$ , or  $3\frac{1}{2} \times 8$

For  $1 \times 14$   
 For  $2 \times 7$   
 For  $3\frac{1}{2} \times 4$  }  $\div 2$

LENGTH					Pieces	LENGTH				
12	14	16 FEET	18	20		22	24	26 FEET	28	30
28	32 $\frac{1}{2}$	37 $\frac{1}{2}$	42	46 $\frac{1}{2}$	1	51 $\frac{1}{2}$	56	60 $\frac{1}{2}$	65 $\frac{1}{2}$	70
56	65	75	84	93	2	103	112	121	131	140
84	98	112	126	140	3	154	168	182	196	210
112	131	149	163	187	4	205	224	243	261	280
140	163	187	210	233	5	257	280	303	327	350
168	196	224	252	280	6	308	336	364	392	420
196	229	261	294	327	7	359	392	425	457	490
224	261	299	336	373	8	411	448	485	523	560
252	294	336	378	420	9	462	504	546	588	630
280	327	373	420	467	10	513	560	607	653	700
308	359	411	462	513	11	565	616	667	719	770
336	392	448	504	560	12	616	672	728	784	840
364	425	485	546	607	13	667	728	789	849	910
392	457	523	588	653	14	719	784	849	915	980
420	490	560	630	700	15	770	840	910	980	1050
448	523	597	672	747	16	821	896	971	1045	1120
476	555	635	714	793	17	873	952	1031	1111	1190
504	588	672	756	840	18	924	1008	1092	1176	1260
532	621	709	798	887	19	975	1064	1153	1241	1330
560	653	747	840	933	20	1027	1120	1213	1307	1400
588	686	784	882	980	21	1078	1176	1274	1372	1470
616	719	821	924	1027	22	1129	1232	1335	1437	1540
644	751	859	966	1073	23	1181	1288	1395	1503	1610
672	784	896	1008	1120	24	1232	1344	1456	1568	1680
700	817	933	1050	1167	25	1283	1400	1517	1633	1750

12	14	16 FEET	18	20	Pieces	22	24	26 FEET	28	30
728	849	971	1092	1213		1385	1456	1577	1699	1820
756	882	1008	1134	1260	26	1386	1512	1638	1764	1890
784	915	1045	1176	1307	27	1437	1568	1699	1829	1960
812	947	1083	1218	1353	28	1489	1624	1759	1895	2030
840	980	1120	1260	1400	29	1540	1680	1820	1960	2100
868	1013	1157	1302	1447	30	1591	1736	1881	2025	2170
896	1045	1195	1344	1493	31	1643	1792	1941	2091	2240
924	1078	1232	1386	1540	32	1694	1848	2002	2156	2310
952	1111	1269	1428	1587	33	1745	1904	2063	2221	2380
980	1143	1307	1470	1633	34	1797	1960	2123	2287	2450
1008	1176	1344	1512	1680	35	1848	2016	2184	2352	2520
1036	1209	1381	1554	1727	36	1899	2072	2245	2417	2590
1064	1241	1419	1596	1773	37	1951	2128	2305	2483	2660
1092	1274	1456	1638	1820	38	2002	2184	2366	2548	2730
1120	1307	1493	1680	1867	39	2053	2240	2427	2613	2800
1148	1339	1531	1722	1913	40	2105	2296	2487	2679	2870
1176	1372	1568	1764	1960	41	2156	2352	2548	2744	2940
1204	1405	1605	1806	2007	42	2207	2408	2609	2809	3010
1232	1437	1643	1848	2053	43	2259	2464	2669	2875	3080
1260	1470	1680	1890	2100	44	2310	2520	2730	2940	3150
1288	1503	1717	1932	2147	45	2361	2576	2791	3005	3220
1316	1535	1755	1974	2193	46	2413	2632	2851	3071	3290
1344	1568	1792	2016	2240	47	2464	2688	2912	3136	3360
1372	1601	1829	2058	2287	48	2515	2744	2973	3201	3430
1400	1633	1867	2100	2333	49	2567	2800	3033	3267	3500

12	14	16 FEET	18	20	Pieces	22	24	26 FEET	28	30
5600	6533	7467	8400	9333		10267	11200	12133	13067	14000
8400	9800	11200	12600	14000	200	15400	16800	18200	19600	21000
11200	13067	14933	16800	18667	300	20533	22400	24267	26133	28000
14000	16383	18667	21000	23333	400	25667	28000	30333	32667	35000
16800	19600	22400	25200	28000	500	30800	33600	36400	39200	42000



For  $3\frac{1}{4} \times 16$   
For  $7 \times 8$   
For  $4 \times 14$  }  $\times 2$

$2 \times 14$   
 $4 \times 7$ , or  $3\frac{1}{2} \times 8$

For  $1 \times 14$   
For  $2 \times 7$   
For  $3\frac{1}{2} \times 4$  }  $\div 2$

Floor  
Odd  
Lath

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
1428	1666	1904	2142	2380	51	2618	2856	3094	3332	3570
1456	1699	1941	2184	2427	52	2669	2912	3155	3397	3640
1484	1731	1979	2226	2473	53	2721	2968	3215	3463	3710
1512	1764	2016	2268	2520	54	2772	3024	3276	3528	3780
1540	1797	2053	2310	2567	55	2823	3080	3337	3593	3850
1568	1829	2091	2352	2613	56	2875	3136	3397	3659	3920
1596	1862	2128	2394	2660	57	2926	3192	3458	3724	3990
1624	1895	2165	2436	2707	58	2977	3248	3519	3789	4060
1652	1927	2203	2478	2753	59	3029	3304	3579	3855	4130
1680	1960	2240	2520	2800	60	3080	3360	3640	3920	4200
1708	1993	2277	2562	2847	61	3131	3416	3701	3985	4270
1736	2025	2315	2604	2893	62	3183	3472	3761	4051	4340
1764	2058	2352	2646	2940	63	3234	3528	3822	4116	4410
1792	2091	2389	2688	2987	64	3285	3584	3883	4181	4480
1820	2123	2427	2730	3033	65	3337	3640	3943	4247	4550
1848	2156	2464	2772	3080	66	3388	3696	4004	4312	4620
1876	2189	2501	2814	3127	67	3439	3752	4065	4377	4690
1904	2221	2539	2856	3173	68	3491	3808	4125	4443	4760
1932	2254	2576	2898	3220	69	3542	3864	4186	4508	4830
1960	2287	2613	2940	3267	70	3593	3920	4247	4573	4900
1988	2319	2651	2982	3313	71	3645	3976	4307	4639	4970
2016	2352	2688	3024	3360	72	3696	4032	4368	4704	5040
2044	2385	2725	3066	3407	73	3747	4088	4429	4769	5110
2072	2417	2763	3108	3453	74	3799	4144	4489	4835	5180
2100	2450	2800	3150	3500	75	3850	4200	4550	4900	5250

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
2128	2483	2837	3192	3547	76	3901	4256	4611	4965	5320
2156	2515	2875	3234	3593	77	3953	4312	4671	5031	5390
2184	2548	2912	3276	3640	78	4004	4368	4732	5096	5460
2212	2581	2949	3318	3687	79	4055	4424	4793	5161	5530
2240	2613	2987	3360	3733	80	4107	4480	4853	5227	5600
2268	2646	3024	3402	3780	81	4158	4536	4914	5292	5670
2296	2679	3061	3444	3827	82	4209	4592	4975	5357	5740
2324	2711	3099	3486	3873	83	4261	4648	5035	5423	5810
2352	2744	3136	3528	3920	84	4312	4704	5096	5488	5880
2380	2777	3173	3570	3967	85	4363	4760	5157	5553	5950
2408	2809	3211	3612	4013	86	4415	4816	5217	5619	6020
2436	2842	3248	3654	4060	87	4466	4872	5278	5684	6090
2464	2875	3285	3696	4107	88	4517	4928	5339	5749	6160
2492	2907	3323	3738	4153	89	4569	4984	5399	5815	6230
2520	2940	3360	3780	4200	90	4620	5040	5460	5880	6300
2548	2973	3397	3822	4247	91	4671	5096	5521	5945	6370
2576	3005	3435	3864	4293	92	4723	5152	5581	6011	6440
2604	3038	3472	3906	4340	93	4774	5208	5642	6076	6510
2632	3071	3509	3948	4387	94	4825	5264	5703	6141	6580
2660	3103	3547	3990	4433	95	4877	5320	5763	6207	6650
2688	3136	3584	4032	4480	96	4928	5376	5824	6272	6720
2716	3169	3621	4074	4527	97	4979	5432	5885	6337	6790
2744	3201	3659	4116	4573	98	5031	5488	5945	6403	6860
2772	3234	3696	4158	4620	99	5082	5544	6006	6468	6930
2800	3267	3733	4200	4667	100	5133	5600	6067	6533	7000

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
19000	22867	26133	29400	32667	700	35933	39200	42467	45733	49000
22400	26133	29867	33600	37333	800	41067	44800	48533	52267	56000
25200	29400	33600	37800	42000	900	46200	50400	54600	58800	63000
28000	32667	37333	42000	46667	1000	51333	56000	60667	65333	70000
56000	65333	74667	84000	93333	2000	102667	112000	121333	130667	140000

1x14  
2x14  
2½x14  
3x10  
3x14  
4x10  
6x6  
6x8  
8x8  
8x10  
10x10  
8x14  
10x12  
10x14  
12x12  
12x14

For 7 x 10 }  
For 5 x 14 } x 2  
For 3 1/2 x 20 }

2 1/2 x 14,  
3 1/2 x 10, 1 1/4 x 28, or 5 x 7

For 1 1/4 x 14 }  
For 2 1/2 x 7 }

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
35	40 1/2	46 3/4	52 1/2	58 3/4	1	64 1/2	70	75 1/2	81 3/4	87 1/2
70	82	93	105	117	2	128	140	152	163	175
105	123	140	158	175	3	193	210	228	245	263
140	163	187	210	233	4	257	280	303	327	350
175	204	233	263	292	5	321	350	379	408	438
210	245	280	315	350	6	385	420	455	490	525
245	286	327	368	408	7	449	490	531	572	613
280	327	373	420	467	8	513	560	607	653	700
315	368	420	473	525	9	578	630	683	735	788
350	408	467	525	583	10	642	700	758	817	875
385	449	513	578	642	11	706	770	834	898	963
420	490	560	630	700	12	770	840	910	980	1050
455	531	607	683	758	13	834	910	986	1062	1138
490	572	653	735	817	14	898	980	1062	1143	1225
525	613	700	788	875	15	963	1050	1138	1225	1313
560	653	747	840	933	16	1027	1120	1213	1307	1400
595	694	793	893	992	17	1091	1190	1289	1388	1488
630	735	840	945	1050	18	1155	1260	1365	1470	1575
665	776	887	998	1108	19	1219	1330	1441	1552	1663
700	817	933	1050	1167	20	1283	1400	1517	1633	1750
735	858	980	1103	1225	21	1348	1470	1593	1715	1838
770	898	1027	1155	1283	22	1412	1540	1668	1797	1925
805	939	1073	1208	1342	23	1476	1610	1744	1878	2013
840	980	1120	1260	1400	24	1540	1680	1820	1960	2100
875	1021	1167	1313	1458	25	1604	1750	1896	2042	2188

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
910	1062	1213	1365	1517	26	1668	1820	1972	2123	2275
945	1103	1260	1418	1575	27	1733	1890	2048	2205	2363
980	1143	1307	1470	1633	28	1797	1960	2123	2287	2450
1015	1184	1353	1523	1692	29	1861	2030	2199	2368	2538
1050	1225	1400	1575	1750	30	1925	2100	2275	2450	2625
1085	1266	1447	1628	1808	31	1989	2170	2351	2532	2713
1120	1307	1493	1680	1867	32	2053	2240	2427	2613	2800
1155	1348	1540	1733	1925	33	2118	2310	2503	2695	2888
1190	1388	1587	1785	1983	34	2182	2380	2578	2777	2975
1225	1429	1633	1838	2042	35	2246	2450	2654	2858	3063
1260	1470	1680	1890	2100	36	2310	2520	2730	2940	3150
1295	1511	1727	1943	2158	37	2374	2590	2806	3022	3238
1330	1552	1773	1995	2217	38	2438	2660	2882	3103	3325
1365	1593	1820	2048	2275	39	2503	2730	2958	3185	3413
1400	1633	1867	2100	2333	40	2567	2800	3033	3267	3500
1435	1674	1913	2153	2392	41	2631	2870	3109	3348	3588
1470	1715	1960	2205	2450	42	2695	2940	3185	3430	3675
1505	1756	2007	2258	2508	43	2759	3010	3261	3512	3763
1540	1797	2053	2310	2567	44	2823	3080	3337	3593	3850
1575	1838	2100	2362	2625	45	2888	3150	3413	3675	3938
1610	1878	2147	2415	2683	46	2952	3220	3488	3757	4025
1645	1919	2193	2468	2742	47	3016	3290	3564	3838	4113
1680	1960	2240	2520	2800	48	3080	3360	3640	3920	4200
1715	2001	2287	2573	2858	49	3144	3430	3716	4002	4288
1750	2042	2333	2625	2917	50	3208	3500	3792	4083	4375

12	14	16	18	20		22	24	26	28	30
FEET					Pieces	FEET				
3500	4083	4687	5250	5833	100	6417	7000	7583	8167	8750
7000	8167	9333	10500	11667	200	12833	14000	15167	16333	17500
10500	12250	14000	15750	17500	300	19250	21000	22750	24500	26250
14000	16333	18667	21000	23333	400	25667	28000	30333	32667	35000
17500	20417	23333	26250	29167	500	32083	35000	37917	40833	43750



For 6 x 10  
For 6 x 12  
For 4 x 15  
For 3 x 20  
For 2 1/2 x 24  
For 7 1/2 x 8

× 2

3 x 10,  
2 x 15, 1 1/2 x 20, 2 1/2 x 12, 5 x 6,  
1 1/4 x 24, or 4 x 7 1/2  
For 10 x 18, 12 x 15, or 9 x 20, × 6

For 5 x 18  
For 9 x 10  
For 7 1/2 x 12  
For 6 x 15  
For 10 x 15  
For 14 x 15  
For 7 x 30

× 3

× 5

× 7

Floor  
Odd  
Lath

LENGTH						LENGTH				
12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
30	35	40	45	50	1	55	60	65	70	75
60	70	80	90	100	2	110	120	130	140	150
90	105	120	135	150	3	165	180	195	210	225
120	140	160	180	200	4	220	240	260	280	300
150	175	200	225	250	5	275	300	325	350	375
180	210	240	270	300	6	330	360	390	420	450
210	245	280	315	350	7	385	420	455	490	525
240	280	320	360	400	8	440	480	520	560	600
270	315	360	405	450	9	495	540	585	630	675
300	350	400	450	500	10	550	600	650	700	750
330	385	440	495	550	11	605	660	715	770	825
360	420	480	540	600	12	660	720	780	840	900
390	455	520	585	650	13	715	780	845	910	975
420	490	560	630	700	14	770	840	910	980	1050
450	525	600	675	750	15	825	900	975	1050	1125
480	560	640	720	800	16	880	960	1040	1120	1200
510	595	680	765	850	17	935	1020	1105	1190	1275
540	630	720	810	900	18	990	1080	1170	1260	1350
570	665	760	855	950	19	1045	1140	1235	1330	1425
600	700	800	900	1000	20	1100	1200	1300	1400	1500
630	735	840	945	1050	21	1155	1260	1365	1470	1575
660	770	880	990	1100	22	1210	1320	1430	1540	1650
690	805	920	1035	1150	23	1265	1380	1495	1610	1725
720	840	960	1080	1200	24	1320	1440	1560	1680	1800
750	875	1000	1125	1250	25	1375	1500	1625	1750	1875

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
780	910	1040	1170	1300	26	1430	1560	1690	1820	1950
810	945	1080	1215	1350	27	1485	1620	1755	1890	2025
840	980	1120	1260	1400	28	1540	1680	1820	1960	2100
870	1015	1160	1305	1450	29	1595	1740	1885	2030	2175
900	1050	1200	1350	1500	30	1650	1800	1950	2100	2250
930	1085	1240	1395	1550	31	1705	1860	2015	2170	2325
960	1120	1280	1440	1600	32	1760	1920	2080	2240	2400
990	1155	1320	1485	1650	33	1815	1980	2145	2310	2475
1020	1190	1360	1530	1700	34	1870	2040	2210	2380	2550
1050	1225	1400	1575	1750	35	1925	2100	2275	2450	2625
1080	1260	1440	1620	1800	36	1980	2160	2340	2520	2700
1110	1295	1480	1665	1850	37	2035	2220	2405	2590	2775
1140	1330	1520	1710	1900	38	2090	2280	2470	2660	2850
1170	1365	1560	1755	1950	39	2145	2340	2535	2730	2925
1200	1400	1600	1800	2000	40	2200	2400	2600	2800	3000
1230	1435	1640	1845	2050	41	2255	2460	2665	2870	3075
1260	1470	1680	1890	2100	42	2310	2520	2730	2940	3150
1290	1505	1720	1935	2150	43	2365	2580	2795	3010	3225
1320	1540	1760	1980	2200	44	2420	2640	2860	3080	3300
1350	1575	1800	2025	2250	45	2475	2700	2925	3150	3375
1380	1610	1840	2070	2300	46	2530	2760	2990	3220	3450
1410	1645	1880	2115	2350	47	2585	2820	3055	3290	3525
1440	1680	1920	2160	2400	48	2640	2880	3120	3360	3600
1470	1715	1960	2205	2450	49	2695	2940	3185	3430	3675
1500	1750	2000	2250	2500	50	2750	3000	3250	3500	3750

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
3000	3500	4000	4500	5000	100	5500	6000	6500	7000	7500
6000	7000	8000	9000	10000	200	11000	12000	13000	14000	15000
9000	10500	12000	13500	15000	300	16500	18000	19500	21000	22500
12000	14000	16000	18000	20000	400	22000	24000	26000	28000	30000
15000	17500	20000	22500	25000	500	27500	30000	32500	35000	37500

2 1/2 x 14  
3 x 10

3 x 14  
4 x 10

6 x 6

6 x 8  
8 x 8

8 x 10

10 x 10  
8 x 14

10 x 12

10 x 14  
12 x 12

12 x 14

For  $1\frac{1}{2} \times 14$   
For  $3\frac{1}{2} \times 8$   
For  $3 \times 7$   
For  $1 \times 21$

+ 2

3 x 14,

$3\frac{1}{2} \times 12, 6 \times 7, 2 \times 21, 1\frac{1}{2} \times 28, \text{ or } 5\frac{1}{2} \times 8$

For  $6 \times 14$   $\times 2$   
For  $7 \times 12$   $\times 2$   
For  $9 \times 14$   $\times 3$   
For  $7 \times 18$   $\times 3$   
For  $14 \times 18$   $\times 6$

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
42	49	56	63	70	1	77	84	91	98	105
84	98	112	126	140	2	154	168	182	196	210
126	147	168	189	210	3	231	252	273	294	315
168	196	224	252	280	4	308	336	364	392	420
210	245	280	315	350	5	385	420	455	490	525
252	294	336	378	420	6	462	504	546	588	630
294	343	392	441	490	7	539	588	637	686	735
336	392	448	504	560	8	616	672	728	784	840
378	441	504	567	630	9	693	756	819	882	945
420	490	560	630	700	10	770	840	910	980	1050
462	539	616	693	770	11	847	924	1001	1078	1155
504	588	672	756	840	12	924	1008	1092	1176	1260
546	637	728	819	910	13	1001	1092	1183	1274	1365
588	686	784	882	980	14	1078	1176	1274	1372	1470
630	735	840	945	1050	15	1155	1260	1365	1470	1575
672	784	896	1008	1120	16	1232	1344	1456	1568	1680
714	833	952	1071	1190	17	1309	1428	1547	1666	1785
756	882	1008	1134	1260	18	1386	1512	1638	1764	1890
798	931	1064	1197	1330	19	1463	1596	1729	1862	1995
840	980	1120	1260	1400	20	1540	1680	1820	1960	2100
882	1029	1176	1323	1470	21	1617	1764	1911	2058	2205
924	1078	1232	1386	1540	22	1694	1848	2002	2156	2310
966	1127	1288	1449	1610	23	1771	1932	2093	2254	2415
1008	1176	1344	1512	1680	24	1848	2016	2184	2352	2520
1050	1225	1400	1575	1750	25	1925	2100	2275	2450	2625

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
1092	1274	1456	1638	1820	26	2002	2184	2366	2548	2730
1134	1323	1512	1701	1890	27	2079	2268	2457	2646	2835
1176	1372	1568	1764	1960	28	2156	2352	2548	2744	2940
1218	1421	1624	1827	2030	29	2233	2436	2639	2842	3045
1260	1470	1680	1890	2100	30	2310	2520	2730	2940	3150
1302	1519	1736	1953	2170	31	2387	2604	2821	3038	3255
1344	1568	1792	2016	2240	32	2464	2688	2912	3136	3360
1386	1617	1848	2079	2310	33	2541	2772	3003	3234	3465
1428	1666	1904	2142	2380	34	2618	2856	3094	3332	3570
1470	1715	1960	2205	2450	35	2695	2940	3185	3430	3675
1512	1764	2016	2268	2520	36	2772	3024	3276	3528	3780
1554	1813	2072	2331	2590	37	2849	3108	3367	3626	3885
1596	1862	2128	2394	2660	38	2926	3192	3458	3724	3990
1638	1911	2184	2457	2730	39	3003	3276	3549	3822	4095
1680	1960	2240	2520	2800	40	3080	3360	3640	3920	4200
1722	2009	2296	2583	2870	41	3157	3444	3731	4018	4305
1764	2058	2352	2646	2940	42	3234	3528	3822	4116	4410
1806	2107	2408	2709	3010	43	3311	3612	3913	4214	4515
1848	2156	2464	2772	3080	44	3388	3696	4004	4312	4620
1890	2205	2520	2835	3150	45	3465	3780	4095	4410	4725
1932	2254	2576	2898	3220	46	3542	3864	4186	4508	4830
1974	2303	2632	2961	3290	47	3619	3948	4277	4606	4935
2016	2352	2688	3024	3360	48	3696	4032	4368	4704	5040
2058	2401	2744	3087	3430	49	3773	4116	4459	4802	5145
2100	2450	2800	3150	3500	50	3850	4200	4550	4900	5250

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
4200	4900	5600	6300	7000	100	7700	8400	9100	9800	10500
8400	9800	11200	12600	14000	200	15400	16800	18200	19600	21000
12600	14700	16800	18900	21000	300	23100	25200	27300	29400	31500
16800	19600	22400	25200	28000	400	30800	33600	36400	39200	42000
21000	24500	28000	31500	35000	500	38500	42000	45500	49000	52500



4 x 10,

2½ x 16, 1¼ x 32, 2 x 20, or 5 x 8

Floor  
Odd  
Lath

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
40	46½	53½	60	66½	1	73½	80	86½	93½	100
80	93	107	120	133	2	147	160	173	187	200
120	140	160	180	200	3	220	240	260	280	300
160	187	213	240	267	4	293	320	347	373	400
200	233	267	300	333	5	367	400	433	467	500
240	280	320	360	400	6	440	480	520	560	600
280	327	373	420	467	7	513	560	607	653	700
320	373	427	480	533	8	587	640	693	747	800
360	420	480	540	600	9	660	720	780	840	900
400	467	533	600	667	10	733	800	867	933	1000
440	513	587	660	733	11	807	880	953	1027	1100
480	560	640	720	800	12	880	960	1040	1120	1200
520	607	693	780	867	13	953	1040	1127	1213	1300
560	653	747	840	933	14	1027	1120	1213	1307	1400
600	700	800	900	1000	15	1100	1200	1300	1400	1500
640	747	853	960	1067	16	1173	1280	1387	1493	1600
680	793	907	1020	1133	17	1247	1360	1473	1587	1700
720	840	960	1080	1200	18	1320	1440	1560	1680	1800
760	887	1013	1140	1267	19	1393	1520	1647	1773	1900
800	933	1067	1200	1333	20	1467	1600	1733	1867	2000
840	980	1120	1260	1400	21	1540	1680	1820	1960	2100
880	1027	1173	1320	1467	22	1613	1760	1907	2053	2200
920	1073	1227	1380	1533	23	1687	1840	1993	2147	2300
960	1120	1280	1440	1600	24	1760	1920	2080	2240	2400
1000	1167	1333	1500	1667	25	1833	2000	2167	2333	2500

12	14	16	18	20		22	24	26	28	30
FEET					Pieces	FEET				
1040	1213	1387	1560	1733	26	1907	2080	2253	2427	2600
1080	1260	1440	1620	1800	27	1980	2160	2340	2520	2700
1120	1307	1493	1680	1867	28	2053	2240	2427	2613	2800
1160	1353	1547	1740	1933	29	2127	2320	2513	2707	2900
1200	1400	1600	1800	2000	30	2200	2400	2600	2800	3000
1240	1447	1653	1860	2067	31	2273	2480	2687	2893	3100
1280	1493	1707	1920	2133	32	2347	2560	2773	2987	3200
1320	1540	1760	1980	2200	33	2420	2640	2860	3080	3300
1360	1587	1813	2040	2267	34	2493	2720	2947	3173	3400
1400	1633	1867	2100	2333	35	2567	2800	3033	3267	3500
1440	1680	1920	2160	2400	36	2640	2880	3120	3360	3600
1480	1727	1973	2220	2467	37	2713	2960	3207	3453	3700
1520	1773	2027	2280	2533	38	2787	3040	3293	3547	3800
1560	1820	2080	2340	2600	39	2860	3120	3380	3640	3900
1600	1867	2133	2400	2667	40	2933	3200	3467	3733	4000
1640	1913	2187	2460	2733	41	3007	3280	3553	3827	4100
1680	1960	2240	2520	2800	42	3080	3360	3640	3920	4200
1720	2007	2293	2580	2867	43	3153	3440	3727	4013	4300
1760	2053	2347	2640	2933	44	3227	3520	3813	4107	4400
1800	2100	2400	2700	3000	45	3300	3600	3900	4200	4500
1840	2147	2453	2760	3067	46	3373	3680	3987	4293	4600
1880	2193	2507	2820	3133	47	3447	3760	4073	4387	4700
1920	2240	2560	2880	3200	48	3520	3840	4160	4480	4800
1960	2287	2613	2940	3267	49	3593	3920	4247	4573	4900
2000	2333	2667	3000	3333	50	3667	4000	4333	4667	5000

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
4000	4667	5333	6000	6667	100	7333	8000	8667	9333	10000
8000	9333	10667	12000	13333	200	14667	16000	17333	18667	20000
12000	14000	16000	18000	20000	300	22000	24000	26000	28000	30000
16000	18667	21333	24000	26667	400	29333	32000	34667	37333	40000
20000	23333	26667	30000	33333	500	36667	40000	43333	46667	50000

3x14  
4x10  
6x6  
6x8  
8x8  
8x10  
10x10  
8x14  
10x12  
10x14  
12x12  
12x1

For 6x12 }  
 For 8x9 }  
 For 4x18 }  
 For 8x24 }  
 For 4½x16 }

×2

6 x 6,\*  
 3x12, 1½x24, 2x18, 4x9, or 4½x8  
 2¼x16

For 6x18 }  
 For 9x12 }  
 For 12x18 }  
 For 9x24 }  
 For 18x18, ×9

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
36	42	48	54	60	1	66	72	78	84	90
72	84	96	108	120	2	132	144	156	168	180
108	126	144	162	180	3	198	216	234	252	270
144	168	192	216	240	4	264	288	312	336	360
180	210	240	270	300	5	330	360	390	420	450
216	252	288	324	360	6	396	432	468	504	540
252	294	336	378	420	7	462	504	546	588	630
288	336	384	432	480	8	528	576	624	672	720
324	378	432	486	540	9	594	648	702	756	810
360	420	480	540	600	10	660	720	780	840	900
396	462	528	594	660	11	726	792	858	924	990
432	504	576	648	720	12	792	864	936	1008	1080
468	546	624	702	780	13	858	936	1014	1092	1170
504	588	672	756	840	14	924	1008	1092	1176	1260
540	630	720	810	900	15	990	1080	1170	1260	1350
576	672	768	864	960	16	1056	1152	1248	1344	1440
612	714	816	918	1020	17	1122	1224	1326	1428	1530
648	756	864	972	1080	18	1188	1296	1404	1512	1620
684	798	912	1026	1140	19	1254	1368	1482	1596	1710
720	840	960	1080	1200	20	1320	1440	1560	1680	1800
756	882	1008	1134	1260	21	1386	1512	1638	1764	1890
792	924	1056	1188	1320	22	1452	1584	1716	1848	1980
828	966	1104	1242	1380	23	1518	1656	1794	1932	2070
864	1008	1152	1296	1440	24	1584	1728	1872	2016	2160
900	1050	1200	1350	1500	25	1650	1800	1950	2100	2250

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
936	1092	1248	1404	1560	26	1716	1872	2028	2184	2340
972	1134	1296	1458	1620	27	1782	1944	2106	2268	2430
1008	1176	1344	1512	1680	28	1848	2016	2184	2352	2520
1044	1218	1392	1566	1740	29	1914	2088	2262	2436	2610
1080	1260	1440	1620	1800	30	1980	2160	2340	2520	2700
1116	1302	1488	1674	1860	31	2046	2232	2418	2604	2790
1152	1344	1536	1728	1920	32	2112	2304	2496	2688	2880
1188	1386	1584	1782	1980	33	2178	2376	2574	2772	2970
1224	1428	1632	1836	2040	34	2244	2448	2652	2856	3060
1260	1470	1680	1890	2100	35	2310	2520	2730	2940	3150
1296	1512	1728	1944	2160	36	2376	2592	2808	3024	3240
1332	1554	1776	1998	2220	37	2442	2664	2886	3108	3330
1368	1596	1824	2052	2280	38	2508	2736	2964	3192	3420
1404	1638	1872	2106	2340	39	2574	2808	3042	3276	3510
1440	1680	1920	2160	2400	40	2640	2880	3120	3360	3600
1476	1722	1968	2214	2460	41	2706	2952	3198	3444	3690
1512	1764	2016	2268	2520	42	2772	3024	3276	3528	3780
1548	1806	2064	2322	2580	43	2838	3096	3354	3612	3870
1584	1848	2112	2376	2640	44	2904	3168	3432	3696	3960
1620	1890	2160	2430	2700	45	2970	3240	3510	3780	4050
1656	1932	2208	2484	2760	46	3036	3312	3588	3864	4140
1692	1974	2256	2538	2820	47	3102	3384	3666	3948	4230
1728	2016	2304	2592	2880	48	3168	3456	3744	4032	4320
1764	2058	2352	2646	2940	49	3234	3528	3822	4116	4410
1800	2100	2400	2700	3000	50	3300	3600	3900	4200	4500

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
3600	4200	4800	5400	6000	100	6600	7200	7800	8400	9000
7200	8400	9600	10800	12000	200	13200	14400	15600	16800	18000
10800	12600	14400	16200	18000	300	19800	21600	23400	25200	27000
14400	16800	19200	21600	24000	400	26400	28800	31200	33600	36000
18000	21000	24000	27000	30000	500	33000	36000	39000	42000	45000

\*For longer see page 315.



6 x 6,

3 x 12, 1½ x 24, 2 x 18, 4 x 9, or 4½ x 8  
2¼ x 16

See page 314

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET					FEET					
96	102	108	114	120	1	126	132	138	144	150
192	204	216	228	240	2	252	264	276	288	300
288	306	324	342	360	3	378	396	414	432	450
384	408	432	456	480	4	504	528	552	576	600
480	510	540	570	600	5	630	660	690	720	750
576	612	648	684	720	6	756	792	828	864	900
672	714	756	798	840	7	882	924	966	1008	1050
768	816	864	912	960	8	1008	1056	1104	1152	1200
864	918	972	1026	1080	9	1134	1188	1242	1296	1350
960	1020	1080	1140	1200	10	1260	1320	1380	1440	1500
1056	1122	1188	1254	1320	11	1386	1452	1518	1584	1650
1152	1224	1296	1368	1440	12	1512	1584	1656	1728	1800
1248	1326	1404	1482	1560	13	1638	1716	1794	1872	1950
1344	1428	1512	1596	1680	14	1764	1848	1932	2016	2100
1440	1530	1620	1710	1800	15	1890	1980	2070	2160	2250
1536	1632	1728	1824	1920	16	2016	2112	2208	2304	2400
1632	1734	1836	1938	2040	17	2142	2244	2346	2448	2550
1728	1836	1944	2052	2160	18	2268	2376	2484	2592	2700
1824	1938	2052	2166	2280	19	2394	2508	2622	2736	2850
1920	2040	2160	2280	2400	20	2520	2640	2760	2880	3000
2016	2142	2268	2394	2520	21	2646	2772	2898	3024	3150
2112	2244	2376	2508	2640	22	2772	2904	3036	3168	3300
2208	2346	2484	2622	2760	23	2898	3036	3174	3312	3450
2304	2448	2592	2736	2880	24	3024	3168	3312	3456	3600
2400	2550	2700	2850	3000	25	3150	3300	3450	3600	3750

FEET					Pieces	FEET				
4800	5100	5400	5700	6000		50	6300	6600	6900	7200
7200	7650	8100	8550	9000	75	9450	9900	10350	10800	11250
9600	10200	10800	11400	12000	100	12600	13200	13800	14400	15000

For 8 x 12 }  
For 6 x 16 } × 2  
For 4 x 24 }  
6 x 8  
4 x 12, 3 x 16, 2 x 24, or 1½ x 32  
For 12 x 10 }  
For 8 x 24 } × 4  
For 16 x 24, × 8

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET						FEET				
128	136	144	152	160	1	168	176	184	192	200
256	272	288	304	320	2	336	352	368	384	400
384	408	432	456	480	3	504	528	552	576	600
512	544	576	608	640	4	672	704	736	768	800
640	680	720	760	800	5	840	880	920	960	1000
768	816	864	912	960	6	1008	1056	1104	1152	1200
896	952	1008	1064	1120	7	1176	1232	1288	1344	1400
1024	1088	1152	1216	1280	8	1344	1408	1472	1536	1600
1152	1224	1296	1368	1440	9	1512	1584	1656	1728	1800
1280	1360	1440	1520	1600	10	1680	1760	1840	1920	2000
1408	1496	1584	1672	1760	11	1848	1936	2024	2112	2200
1536	1632	1728	1824	1920	12	2016	2112	2208	2304	2400
1664	1768	1872	1976	2080	13	2184	2288	2392	2496	2600
1792	1904	2016	2128	2240	14	2352	2464	2576	2688	2800
1920	2040	2160	2280	2400	15	2520	2640	2760	2880	3000
2048	2176	2304	2432	2560	16	2688	2816	2944	3072	3200
2176	2312	2448	2584	2720	17	2856	2992	3128	3264	3400
2304	2448	2592	2736	2880	18	3024	3168	3312	3456	3600
2432	2584	2736	2888	3040	19	3192	3344	3496	3648	3800
2560	2720	2880	3040	3200	20	3360	3520	3680	3840	4000
2688	2856	3024	3192	3360	21	3528	3696	3864	4032	4200
2816	2992	3168	3344	3520	22	3696	3872	4048	4224	4400
2944	3128	3312	3496	3680	23	3864	4048	4232	4416	4600
3072	3264	3456	3648	3840	24	4032	4224	4416	4608	4800
3200	3400	3600	3800	4000	25	4200	4400	4600	4800	5000

FEET					Pieces	FEET				
6400	6800	7200	7600	8000		8400	8800	9200	9600	10000
9600	10200	10800	11400	12000	75	12600	13200	13800	14400	15000
12800	13600	14400	15200	16000	100	16800	17600	18400	19200	20000

Floor  
Odd  
Lath

6x6

6x8

8x8

8x10

10x10

8x14

10x12

10x14

12x12

12x14

For 8 x 12 }  
For 6 x 16 } × 2  
For 4 x 24 }

4 x 12, 3 x 16, 2 x 24, or 1½ x 32

6 x 8,\*

For 12 x 16 }  
For 8 x 24 } × 4  
For 16 x 24, × 8

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
48	56	64	72	80	1	88	96	104	112	120
96	112	128	144	160	2	176	192	208	224	240
144	168	192	216	240	3	264	288	312	336	360
192	224	256	288	320	4	352	384	416	448	480
240	280	320	360	400	5	440	480	520	560	600
288	336	384	432	480	6	528	576	624	672	720
336	392	448	504	560	7	616	672	728	784	840
384	448	512	576	640	8	704	768	832	896	960
432	504	576	648	720	9	792	864	936	1008	1080
480	560	640	720	800	10	880	960	1040	1120	1200
528	616	704	792	880	11	968	1056	1144	1232	1320
576	672	768	864	960	12	1056	1152	1248	1344	1440
624	728	832	936	1040	13	1144	1248	1352	1456	1560
672	784	896	1008	1120	14	1232	1344	1456	1568	1680
720	840	960	1080	1200	15	1320	1440	1560	1680	1800
768	896	1024	1152	1280	16	1408	1536	1664	1792	1920
816	952	1088	1224	1360	17	1496	1632	1768	1904	2040
864	1008	1152	1296	1440	18	1584	1728	1872	2016	2160
912	1064	1216	1368	1520	19	1672	1824	1976	2128	2280
960	1120	1280	1440	1600	20	1760	1920	2080	2240	2400
1008	1176	1344	1512	1680	21	1848	2016	2184	2352	2520
1056	1232	1408	1584	1760	22	1936	2112	2288	2464	2640
1104	1288	1472	1656	1840	23	2024	2208	2392	2576	2760
1152	1344	1536	1728	1920	24	2112	2304	2496	2688	2880
1200	1400	1600	1800	2000	25	2200	2400	2600	2800	3000

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
1248	1456	1664	1872	2080	26	2288	2496	2704	2912	3120
1296	1512	1728	1944	2160	27	2376	2592	2808	3024	3240
1344	1568	1792	2016	2240	28	2464	2688	2912	3136	3360
1392	1624	1856	2088	2320	29	2552	2784	3016	3248	3480
1440	1680	1920	2160	2400	30	2640	2880	3120	3360	3600
1488	1736	1984	2232	2480	31	2728	2976	3224	3472	3720
1536	1792	2048	2304	2560	32	2816	3072	3328	3584	3840
1584	1848	2112	2376	2640	33	2904	3168	3432	3696	3960
1632	1904	2176	2448	2720	34	2992	3264	3536	3808	4080
1680	1960	2240	2520	2800	35	3080	3360	3640	3920	4200
1728	2016	2304	2592	2880	36	3168	3456	3744	4032	4320
1776	2072	2368	2664	2960	37	3256	3552	3848	4144	4440
1824	2128	2432	2736	3040	38	3344	3648	3952	4256	4560
1872	2184	2496	2808	3120	39	3432	3744	4056	4368	4680
1920	2240	2560	2880	3200	40	3520	3840	4160	4480	4800
1968	2296	2624	2952	3280	41	3608	3936	4264	4592	4920
2016	2352	2688	3024	3360	42	3696	4032	4368	4704	5040
2064	2408	2752	3096	3440	43	3784	4128	4472	4816	5160
2112	2464	2816	3168	3520	44	3872	4224	4576	4928	5280
2160	2520	2880	3240	3600	45	3960	4320	4680	5040	5400
2208	2576	2944	3312	3680	46	4048	4416	4784	5152	5520
2256	2632	3008	3384	3760	47	4136	4512	4888	5264	5640
2304	2688	3072	3456	3840	48	4224	4608	4992	5376	5760
2352	2744	3136	3528	3920	49	4312	4704	5096	5488	5880
2400	2800	3200	3600	4000	50	4400	4800	5200	5600	6000

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
4800	5600	6400	7200	8000	100	8800	9600	10400	11200	12000
9600	11200	12800	14400	16000	200	17600	19200	20800	22400	24000
14400	16800	19200	21600	24000	300	26400	28800	31200	33600	36000
19200	22400	25600	28800	32000	400	35200	38400	41600	44800	48000
24000	28000	32000	36000	40000	500	44000	48000	52000	56000	60000

\*For longer see page 315.



8 x 8,\*

For 8 x 16, X 2

or 4 x 16

For 16 x 16, X 4

Floor  
Odd  
Lath

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
64	74 $\frac{1}{2}$	85 $\frac{1}{2}$	96	106 $\frac{1}{2}$	1	117 $\frac{1}{2}$	128	138 $\frac{1}{2}$	149 $\frac{1}{2}$	160
128	149	171	192	213	2	235	256	277	299	320
192	224	256	288	320	3	352	384	416	448	480
256	299	341	384	427	4	469	512	555	597	640
320	373	427	480	533	5	587	640	693	747	800
384	448	512	576	640	6	704	768	832	896	960
448	523	597	672	747	7	821	896	971	1045	1120
512	597	683	768	853	8	939	1024	1109	1195	1280
576	672	768	864	960	9	1056	1152	1248	1344	1440
640	747	853	960	1067	10	1173	1280	1387	1493	1600
704	821	939	1056	1173	11	1291	1408	1525	1643	1760
768	896	1024	1152	1280	12	1408	1536	1664	1792	1920
832	971	1109	1248	1387	13	1525	1664	1803	1941	2080
896	1045	1195	1344	1493	14	1643	1792	1941	2091	2240
960	1120	1280	1440	1600	15	1760	1920	2080	2240	2400
1024	1195	1365	1536	1707	16	1877	2048	2219	2389	2560
1088	1269	1451	1632	1813	17	1995	2176	2357	2539	2720
1152	1344	1536	1728	1920	18	2112	2304	2496	2688	2880
1216	1419	1621	1824	2027	19	2229	2432	2635	2837	3040
1280	1493	1707	1920	2133	20	2347	2560	2773	2987	3200
1344	1568	1792	2016	2240	21	2464	2688	2912	3136	3360
1408	1643	1877	2112	2347	22	2581	2816	3051	3285	3520
1472	1717	1963	2208	2453	23	2699	2944	3189	3435	3680
1536	1792	2048	2304	2560	24	2816	3072	3328	3584	3840
1600	1867	2133	2400	2667	25	2933	3200	3467	3733	4000

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
1664	1941	2219	2496	2773	26	3051	3328	3605	3883	4160
1728	2016	2304	2592	2880	27	3168	3456	3744	4032	4320
1792	2091	2389	2688	2987	28	3285	3584	3883	4181	4480
1856	2165	2475	2784	3093	29	3403	3712	4021	4331	4640
1920	2240	2560	2880	3200	30	3520	3840	4160	4480	4800
1984	2315	2645	2976	3307	31	3637	3968	4299	4629	4960
2048	2389	2731	3072	3413	32	3755	4096	4437	4779	5120
2112	2464	2816	3168	3520	33	3872	4224	4576	4928	5280
2176	2539	2901	3264	3627	34	3989	4352	4715	5077	5440
2240	2613	2987	3360	3733	35	4107	4480	4853	5227	5600
2304	2688	3072	3456	3840	36	4224	4608	4992	5376	5760
2368	2763	3157	3552	3947	37	4341	4736	5131	5525	5920
2432	2837	3243	3648	4053	38	4459	4864	5269	5675	6080
2496	2912	3328	3744	4160	39	4576	4992	5408	5824	6240
2560	2987	3413	3840	4267	40	4693	5120	5547	5973	6400
2624	3061	3499	3936	4373	41	4811	5248	5685	6123	6560
2688	3136	3584	4032	4480	42	4928	5376	5824	6272	6720
2752	3211	3669	4128	4587	43	5045	5504	5963	6421	6880
2816	3285	3755	4224	4693	44	5163	5632	6101	6571	7040
2880	3360	3840	4320	4800	45	5280	5760	6240	6720	7200
2944	3435	3925	4416	4907	46	5397	5888	6379	6869	7360
3008	3509	4011	4512	5013	47	5515	6016	6517	7019	7520
3072	3584	4096	4608	5120	48	5632	6144	6656	7168	7680
3136	3659	4181	4704	5227	49	5749	6272	6795	7317	7840
3200	3733	4267	4800	5333	50	5867	6400	6933	7467	8000

LENGTH 12 14 16 18 20 FEET					Pieces	LENGTH 22 24 26 28 30 FEET				
12	14	16	18	20		22	24	26	28	30
6400	7467	8533	9600	10667	100	11733	12800	13867	14933	16000
12800	14933	17067	19200	21333	200	23467	25600	27733	29867	32000
19200	22400	25600	28800	32000	300	35200	38400	41600	44800	48000
25600	29867	34133	38400	42667	400	46933	51200	55467	59733	64000
32000	37333	42667	48000	53333	500	58667	64000	69333	74667	80000

\*For longer see page 318.

6x8  
8x8

8x10

10x10  
8x14

10x12

10x14  
12x12

12x1

For 8 x 16, x 2

8 x 8,

or 4 x 16

For 16 x 16, x 4

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET						FEET				
170 $\frac{2}{3}$	181 $\frac{1}{3}$	192	202 $\frac{2}{3}$	213 $\frac{1}{3}$	1	224	234 $\frac{2}{3}$	245 $\frac{1}{3}$	256	266 $\frac{2}{3}$
341	363	384	405	427	2	448	469	491	512	533
512	544	576	608	640	3	672	704	736	768	800
683	725	768	811	853	4	896	939	981	1024	1067
853	907	960	1013	1067	5	1120	1173	1227	1280	1333
1024	1088	1152	1216	1280	6	1344	1408	1472	1536	1600
1195	1269	1344	1419	1493	7	1568	1643	1717	1792	1867
1365	1451	1536	1621	1707	8	1792	1877	1963	2048	2133
1536	1632	1728	1824	1920	9	2016	2112	2208	2304	2400
1707	1813	1920	2027	2133	10	2240	2347	2453	2560	2667
1877	1995	2112	2229	2347	11	2464	2581	2699	2816	2933
2048	2176	2304	2432	2560	12	2688	2816	2944	3072	3200
2219	2357	2496	2635	2773	13	2912	3051	3189	3328	3467
2389	2539	2688	2837	2987	14	3136	3285	3435	3584	3733
2560	2720	2880	3040	3200	15	3360	3520	3680	3840	4000
2731	2901	3072	3243	3413	16	3584	3755	3925	4096	4267
2901	3083	3264	3445	3627	17	3808	3989	4171	4352	4533
3072	3264	3456	3648	3840	18	4032	4224	4416	4608	4800
3243	3445	3648	3851	4053	19	4256	4459	4661	4864	5067
3413	3627	3840	4053	4267	20	4480	4693	4907	5120	5333
3584	3808	4032	4256	4480	21	4704	4928	5152	5376	5600
3755	3989	4224	4459	4693	22	4928	5163	5397	5632	5867
3925	4171	4416	4661	4907	23	5152	5397	5643	5888	6133
4096	4352	4608	4864	5120	24	5376	5632	5888	6144	6400
4267	4533	4800	5067	5333	25	5600	5867	6133	6400	6667

FEET					Pieces	FEET				
533	9067	9600	10133	10667		11200	11733	12267	12800	13333
12900	13600	14400	15200	16000	75	16800	17600	18400	19200	20000
17067	18133	19200	20267	21333	100	22400	23467	24533	25600	26667

For 8 x 20

For 10 x 16

x 2

8 x 10,

x 16, 4 x 20

For 16 x 20, x 4

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET						FEET				
213 $\frac{1}{3}$	226 $\frac{2}{3}$	240	253 $\frac{1}{3}$	266 $\frac{2}{3}$	1	280	293 $\frac{1}{3}$	306 $\frac{2}{3}$	320	333 $\frac{1}{3}$
427	453	480	507	533	2	560	587	613	640	667
640	680	720	760	800	3	840	880	920	960	1000
853	907	960	1013	1067	4	1120	1173	1227	1280	1333
1067	1133	1200	1267	1333	5	1400	1467	1533	1600	1667
1280	1360	1440	1520	1600	6	1680	1760	1840	1920	2000
1493	1587	1680	1773	1867	7	1960	2053	2147	2240	2333
1707	1813	1920	2027	2133	8	2240	2347	2453	2560	2667
1920	2040	2160	2280	2400	9	2520	2640	2760	2880	3000
2133	2267	2400	2533	2667	10	2800	2933	3067	3200	3333
2347	2493	2640	2787	2933	11	3080	3227	3373	3520	3667
2560	2720	2880	3040	3200	12	3360	3520	3680	3840	4000
2773	2947	3120	3293	3467	13	3640	3813	3987	4160	4333
2987	3173	3360	3547	3733	14	3920	4107	4293	4480	4667
3200	3400	3600	3800	4000	15	4200	4400	4600	4800	5000
3413	3627	3840	4053	4267	16	4480	4693	4907	5120	5333
3627	3853	4080	4307	4533	17	4760	4987	5213	5440	5667
3840	4080	4320	4560	4800	18	5040	5280	5520	5760	6000
4053	4307	4560	4813	5067	19	5320	5573	5827	6080	6333
4267	4533	4800	5067	5333	20	5600	5867	6133	6400	6667
4480	4760	5040	5320	5600	21	5880	6160	6440	6720	7000
4693	4987	5280	5573	5867	22	6160	6453	6747	7040	7333
4907	5213	5520	5827	6133	23	6440	6747	7053	7360	7667
5120	5440	5760	6080	6400	24	6720	7040	7360	7680	8000
5333	5667	6000	6333	6667	25	7000	7333	7667	8000	8333

FEET					Pieces	FEET				
10667	11333	12000	12667	13333		14000	14667	15333	16000	17667
16000	17000	18000	19000	20000	75	21000	22000	23000	24000	26000
21333	22667	24000	25333	26667	100	28000	29333	30667	32000	33333



For 8 x 20 }  
For 10 x 16 } × 2

8 x 10,  
5 x 16, 4 x 20

For 16 x 20, × 4

Floor  
Odd  
Lath

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
80	93 <sup>1</sup> / <sub>3</sub>	106 <sup>2</sup> / <sub>3</sub>	120	133 <sup>1</sup> / <sub>3</sub>	1	146 <sup>2</sup> / <sub>3</sub>	160	173 <sup>1</sup> / <sub>3</sub>	186 <sup>2</sup> / <sub>3</sub>	200
160	187	213	240	267	2	293	320	347	373	400
240	280	320	360	400	3	440	480	520	560	600
320	373	427	480	533	4	587	640	693	747	800
400	467	533	600	667	5	733	800	867	933	1000
480	560	640	720	800	6	880	960	1040	1120	1200
560	653	747	840	933	7	1027	1120	1213	1307	1400
640	747	853	960	1067	8	1173	1280	1387	1493	1600
720	840	960	1080	1200	9	1320	1440	1560	1680	1800
800	933	1067	1200	1333	10	1467	1600	1733	1867	2000
880	1027	1173	1320	1467	11	1613	1760	1907	2053	2200
960	1120	1280	1440	1600	12	1760	1920	2080	2240	2400
1040	1213	1387	1560	1733	13	1907	2080	2253	2427	2600
1120	1307	1493	1680	1867	14	2053	2240	2427	2613	2800
1200	1400	1600	1800	2000	15	2200	2400	2600	2800	3000
1280	1493	1707	1920	2133	16	2347	2560	2773	2987	3200
1360	1587	1813	2040	2267	17	2493	2720	2947	3173	3400
1440	1680	1920	2160	2400	18	2640	2880	3120	3360	3600
1520	1773	2027	2280	2533	19	2787	3040	3293	3547	3800
1600	1867	2133	2400	2667	20	2933	3200	3467	3733	4000
1680	1960	2240	2520	2800	21	3080	3360	3640	3920	4200
1760	2053	2347	2640	2933	22	3227	3520	3813	4107	4400
1840	2147	2453	2760	3067	23	3373	3680	3987	4293	4600
1920	2240	2560	2880	3200	24	3520	3840	4160	4480	4800
2000	2333	2667	3000	3333	25	3667	4000	4333	4667	5000

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
2080	2427	2773	3120	3467	26	3813	4160	4507	4853	5200
2160	2520	2880	3240	3600	27	3960	4320	4680	5040	5400
2240	2613	2987	3360	3733	28	4107	4480	4853	5227	5600
2320	2707	3093	3480	3867	29	4253	4640	5027	5413	5800
2400	2800	3200	3600	4000	30	4400	4800	5200	5600	6000
2480	2893	3307	3720	4133	31	4547	4960	5373	5787	6200
2560	2987	3413	3840	4267	32	4693	5120	5547	5973	6400
2640	3080	3520	3960	4400	33	4840	5280	5720	6160	6600
2720	3173	3627	4080	4533	34	4987	5440	5893	6347	6800
2800	3267	3733	4200	4667	35	5133	5600	6067	6533	7000
2880	3360	3840	4320	4800	36	5280	5760	6240	6720	7200
2960	3453	3947	4440	4933	37	5427	5920	6413	6907	7400
3040	3547	4053	4560	5067	38	5573	6080	6587	7093	7600
3120	3640	4160	4680	5200	39	5720	6240	6760	7280	7800
3200	3733	4267	4800	5333	40	5867	6400	6933	7467	8000
3280	3827	4373	4920	5467	41	6013	6560	7107	7653	8200
3360	3920	4480	5040	5600	42	6160	6720	7280	7840	8400
3440	4013	4587	5160	5733	43	6307	6880	7453	8027	8600
3520	4107	4693	5280	5867	44	6453	7040	7627	8213	8800
3600	4200	4800	5400	6000	45	6600	7200	7800	8400	9000
3680	4293	4907	5520	6133	46	6747	7360	7973	8587	9200
3760	4387	5013	5640	6267	47	6893	7520	8147	8773	9400
3840	4480	5120	5760	6400	48	7040	7680	8320	8960	9600
3920	4573	5227	5880	6533	49	7187	7840	8493	9147	9800
4000	4667	5333	6000	6667	50	7333	8000	8667	9333	10000

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
8000	9333	10667	12000	13333	100	14667	16000	17333	18667	20000
16000	18667	21333	24000	26667	200	29333	32000	34667	37333	40000
24000	28000	32000	36000	40000	300	44000	48000	52000	56000	60000
32000	37333	42667	48000	53333	400	58667	64000	69333	74667	80000
40000	46667	53333	60000	66667	500	73333	80000	86667	93333	100000

\*For longer see page 318.

8x10

10x10

8x14

10x12

10x14

12x12

12x1

For 14x16  
For 8x28 } x 2

8 x 14,  
7x16, 4x28

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
112	130 $\frac{3}{4}$	149 $\frac{1}{2}$	168	186 $\frac{3}{4}$	1	205 $\frac{1}{2}$	224	242 $\frac{1}{2}$	261 $\frac{1}{2}$	280
224	261	299	336	373	2	411	448	485	523	560
336	392	448	504	560	3	616	672	728	784	840
448	523	597	672	747	4	821	896	971	1045	1120
560	653	747	840	933	5	1027	1120	1213	1307	1400
672	784	896	1008	1120	6	1232	1344	1456	1568	1680
784	915	1045	1176	1307	7	1437	1568	1699	1829	1960
896	1045	1195	1344	1493	8	1643	1792	1941	2091	2240
1008	1176	1344	1512	1680	9	1848	2016	2184	2352	2520
1120	1307	1493	1680	1867	10	2053	2240	2427	2613	2800
1232	1437	1643	1848	2053	11	2259	2464	2669	2875	3080
1344	1568	1792	2016	2240	12	2464	2688	2912	3136	3360
1456	1699	1941	2184	2427	13	2669	2912	3155	3397	3640
1568	1829	2091	2352	2613	14	2875	3136	3397	3659	3920
1680	1960	2240	2520	2800	15	3080	3360	3640	3920	4200
1792	2091	2389	2688	2987	16	3285	3584	3883	4181	4480
1904	2221	2539	2856	3173	17	3491	3808	4125	4443	4760
2016	2352	2688	3024	3360	18	3696	4032	4368	4704	5040
2128	2483	2837	3192	3547	19	3901	4256	4611	4965	5320
2240	2613	2987	3360	3733	20	4107	4480	4853	5227	5600
2352	2744	3136	3528	3920	21	4312	4704	5096	5488	5880
2464	2875	3285	3696	4107	22	4517	4928	5339	5749	6160
2576	3005	3435	3864	4293	23	4723	5152	5581	6011	6440
2688	3136	3584	4032	4480	24	4928	5376	5824	6272	6720
2800	3267	3733	4200	4667	25	5133	5600	6067	6533	7000

12	14	16	18	20	Pieces	22	24	26	28	30
FEET						FEET				
5600	6533	7467	8400	9333	50	10267	11200	12133	13067	14000
8406	9800	11200	12600	14000	75	15400	16800	18200	19600	21000
11200	13067	14933	16800	18667	100	20533	22400	24267	26133	28000

LENGTH					Pieces	LENGTH				
32	34	36 FEET	38	40		42	44	46 FEET	48	50
298 $\frac{2}{3}$	317 $\frac{1}{3}$	336	354 $\frac{2}{3}$	373 $\frac{1}{3}$	1	392	410 $\frac{2}{3}$	429 $\frac{1}{3}$	448	466 $\frac{2}{3}$
597	635	672	709	747	2	784	821	859	896	933
896	952	1008	1064	1120	3	1176	1232	1288	1344	1400
1195	1269	1344	1419	1493	4	1568	1643	1717	1792	1867
1493	1587	1680	1773	1867	5	1960	2053	2147	2240	2333
1792	1904	2016	2128	2240	6	2352	2464	2576	2688	2800
2091	2221	2352	2483	2613	7	2744	2875	3005	3136	3267
2389	2539	2688	2837	2987	8	3136	3285	3435	3584	3733
2688	2856	3024	3192	3360	9	3528	3696	3864	4032	4200
2987	3173	3360	3547	3733	10	3920	4107	4293	4480	4667
3285	3491	3696	3901	4107	11	4312	4517	4723	4928	5133
3584	3808	4032	4256	4480	12	4704	4928	5152	5376	5600
3883	4125	4368	4611	4853	13	5096	5339	5581	5824	6067
4181	4443	4704	4965	5227	14	5488	5749	6011	6272	6533
4480	4760	5040	5320	5600	15	5880	6160	6440	6720	7000
4779	5077	5376	5675	5973	16	6272	6571	6869	7168	7467
5077	5395	5712	6029	6347	17	6664	6981	7299	7616	7933
5376	5712	6048	6384	6720	18	7056	7392	7728	8064	8400
5675	6029	6384	6739	7093	19	7448	7803	8157	8512	8867
5973	6347	6720	7093	7467	20	7840	8213	8587	8960	9333
6272	6664	7056	7448	7840	21	8232	8624	9016	9408	9800
6571	6981	7392	7803	8213	22	8624	9035	9445	9856	10267
6869	7299	7728	8157	8587	23	9016	9445	9875	10304	10733
7168	7616	8064	8512	8960	24	9408	9856	10304	10752	11200
7467	7933	8400	8867	9333	25	9800	10267	10733	11200	11667

32	34	36	38	40	Pieces	42	44	46	48	50
FEET						FEET				
14933	15867	16800	17733	18667	50	19600	20533	21467	22400	23333
22400	23800	25200	26600	28000	75	29400	30800	32200	33600	35000
29867	31733	33600	35467	37333	100	39200	41067	42933	44800	46667



For 10 x 20 }  
For 8 x 25 }  $\times 2$

10 x 10,\*  
5 x 20, 8 x 12½, or 6¼ x 16

For 20 x 20,  $\times 4$

Floor  
Odd  
Lath

LENGTH					Pieces	LENGTH				
12	14	16 FEET	18	20		22	24	26 FEET	28	30
100	116½	133½	150	166½	1	183½	200	216½	233½	250
200	233	267	300	333	2	367	400	433	467	500
300	350	400	450	500	3	550	600	650	700	750
400	467	533	600	667	4	733	800	867	933	1000
500	583	667	750	833	5	917	1000	1083	1167	1250
600	700	800	900	1000	6	1100	1200	1300	1400	1500
700	817	933	1050	1167	7	1283	1400	1517	1633	1750
800	933	1067	1200	1333	8	1467	1600	1733	1867	2000
900	1050	1200	1350	1500	9	1650	1800	1950	2100	2250
1000	1167	1333	1500	1667	10	1833	2000	2167	2333	2500
1100	1283	1467	1650	1833	11	2017	2200	2383	2567	2750
1200	1400	1600	1800	2000	12	2200	2400	2600	2800	3000
1300	1517	1733	1950	2167	13	2383	2600	2817	3033	3250
1400	1633	1867	2100	2333	14	2567	2800	3033	3267	3500
1500	1750	2000	2250	2500	15	2750	3000	3250	3500	3750
1600	1867	2133	2400	2667	16	2933	3200	3467	3733	4000
1700	1983	2267	2550	2833	17	3117	3400	3683	3967	4250
1800	2100	2400	2700	3000	18	3300	3600	3900	4200	4500
1900	2217	2533	2850	3167	19	3483	3800	4117	4433	4750
2000	2333	2667	3000	3333	20	3667	4000	4333	4667	5000
2100	2450	2800	3150	3500	21	3850	4200	4550	4900	5250
2200	2567	2933	3300	3667	22	4033	4400	4767	5133	5500
2300	2683	3067	3450	3833	23	4217	4600	4983	5367	5750
2400	2800	3200	3600	4000	24	4400	4800	5200	5600	6000
2500	2917	3333	3750	4167	25	4583	5000	5417	5833	6250

12	14	16 FEET	18	20	Pieces	22	24	26 FEET	28	30
2600	3033	3467	3900	4333		4767	5200	5633	6067	6500
2700	3150	3600	4050	4500	27	4950	5400	5850	6300	6750
2800	3267	3733	4200	4667	28	5133	5600	6067	6533	7000
2900	3383	3867	4350	4833	29	5317	5800	6283	6767	7250
3000	3500	4000	4500	5000	30	5500	6000	6500	7000	7500
3100	3617	4133	4650	5167	31	5683	6200	6717	7233	7750
3200	3733	4267	4800	5333	32	5867	6400	6933	7467	8000
3300	3850	4400	4950	5500	33	6050	6600	7150	7700	8250
3400	3967	4533	5100	5667	34	6233	6800	7367	7933	8500
3500	4083	4667	5250	5833	35	6417	7000	7583	8167	8750
3600	4200	4800	5400	6000	36	6600	7200	7800	8400	9000
3700	4317	4933	5550	6167	37	6783	7400	8017	8633	9250
3800	4433	5067	5700	6333	38	6967	7600	8233	8867	9500
3900	4550	5200	5850	6500	39	7150	7800	8450	9100	9750
4000	4667	5333	6000	6667	40	7333	8000	8667	9333	10000
4100	4783	5467	6150	6833	41	7517	8200	8883	9567	10250
4200	4900	5600	6300	7000	42	7700	8400	9100	9800	10500
4300	5017	5733	6450	7167	43	7883	8600	9317	10033	10750
4400	5133	5867	6600	7333	44	8067	8800	9533	10267	11000
4500	5250	6000	6750	7500	45	8250	9000	9750	10500	11250
4600	5367	6133	6900	7667	46	8433	9200	9967	10733	11500
4700	5483	6267	7050	7833	47	8617	9400	10183	10967	11750
4800	5600	6400	7200	8000	48	8800	9600	10400	11200	12000
4900	5717	6533	7350	8167	49	8983	9800	10617	11433	12250
5000	5833	6667	7500	8333	50	9167	10000	10833	11667	12500

12	14	16 FEET	18	20	Pieces	22	24	26 FEET	28	30
10000	11667	13333	15000	16667		18333	20000	21667	23333	25000
20000	23333	26667	30000	33333	100	36667	40000	43333	46667	50000
30000	35000	40000	45000	50000	300	55000	60000	65000	70000	75000
40000	46667	53333	60000	66667	400	73333	80000	86667	93333	100000
50000	58333	66667	75000	83333	500	91667	100000	108333	116667	125000

\*For longer see page 322.

10x10  
8x14

10x12

10x14  
12x12

12x1

For 10 x 20 }  
For 8 x 25 }  $\times 2$

10 x 10,  
5 x 20, 8 x 12½, or 6¼ x 16

For 20 x 20,  $\times 4$

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET						FEET				
266 $\frac{2}{3}$	283 $\frac{1}{2}$	300	316 $\frac{2}{3}$	333 $\frac{1}{3}$	1	350	366 $\frac{2}{3}$	383 $\frac{1}{3}$	400	416 $\frac{2}{3}$
533	567	600	633	667	2	700	733	767	800	833
800	850	900	950	1000	3	1050	1100	1150	1200	1250
1067	1133	1200	1267	1333	4	1400	1467	1533	1600	1667
1333	1417	1500	1583	1667	5	1750	1833	1917	2000	2083
1600	1700	1800	1900	2000	6	2100	2200	2300	2400	2500
1867	1983	2100	2217	2333	7	2450	2567	2683	2800	2917
2133	2267	2400	2533	2667	8	2800	2933	3067	3200	3333
2400	2550	2700	2850	3000	9	3150	3300	3450	3600	3750
2667	2833	3000	3167	3333	10	3500	3667	3833	4000	4167
2933	3117	3300	3483	3667	11	3850	4033	4217	4400	4583
3200	3400	3600	3800	4000	12	4200	4400	4600	4800	5000
3467	3683	3900	4117	4333	13	4550	4767	4983	5200	5417
3733	3967	4200	4433	4667	14	4900	5133	5367	5600	5833
4000	4250	4500	4750	5000	15	5250	5500	5750	6000	6250
4267	4533	4800	5067	5333	16	5600	5867	6133	6400	6667
4533	4817	5100	5383	5667	17	5950	6233	6517	6800	7083
4800	5100	5400	5700	6000	18	6300	6600	6900	7200	7500
5067	5383	5700	6017	6333	19	6650	6967	7283	7600	7917
5333	5667	6000	6333	6667	20	7000	7333	7667	8000	8333
5600	5950	6300	6650	7000	21	7350	7700	8050	8400	8750
5867	6233	6600	6967	7333	22	7700	8067	8433	8800	9167
6133	6517	6900	7283	7667	23	8050	8433	8817	9200	9583
6400	6800	7200	7600	8000	24	8400	8800	9200	9600	10000
6667	7083	7500	7917	8333	25	8750	9167	9583	10000	10417

32	34	36	38	40	Pieces	42	44	46	48	50
FEET							FEET			
13333	14167	15000	15833	16667	50	17500	18333	19167	20000	20833
20000	21250	22500	23750	25000	75	26250	27500	28750	30000	31250
26667	28333	30000	31667	33333	100	35000	36667	38333	40000	41667

Capacity, in bushels, of cribs or bins, each Eight feet high in the clear.

WIDTH					Length	WIDTH				
3	8	10	12	14		16	18	22	26	30
BUSHELS					BUSHELS					
77	206	257	309	360	4	411	463	566	669	771
96	257	321	386	450	5	514	579	707	836	964
116	309	386	463	540	6	617	694	849	1003	1157
135	360	450	540	630	7	720	810	990	1170	1350
154	411	514	617	720	8	823	926	1131	1337	1543
174	463	579	694	810	9	926	1041	1273	1504	1736
193	514	643	771	900	10	1029	1157	1414	1671	1928
231	617	771	926	1080	12	1234	1388	1697	2006	2314
270	720	890	1080	1260	14	1440	1620	1980	2340	2700
309	823	1029	1234	1440	16	1646	1851	2263	2674	3086
347	926	1157	1388	1620	18	1851	2083	2546	3008	3471
386	1029	1286	1543	1800	20	2057	2314	2828	3343	3857
424	1131	1414	1697	1980	22	2263	2546	3111	3677	4243
463	1233	1543	1851	2160	24	2468	2777	3394	4011	4628
501	1337	1671	2006	2340	26	2674	3008	3677	4345	5014
540	1440	1800	2160	2520	28	2880	3240	3960	4680	5400
579	1543	1928	2314	2700	30	3086	3471	4243	5014	5785
617	1646	2057	2468	2880	32	3291	3703	4525	5348	6171

How large a bin shall I build to hold 800 bushels? Is a very common question. To answer this and similar ones instantly is the object of above table, thus: How long a bin 8 feet wide and 8 feet high is required to hold 800 bushels of oats? Run down the 8-foot column until 823, the nearest amount to 800 bushels, is reached, and opposite, in the center column headed length, is 16, the length required.

For ear corn divide above quantities by 2; i. e., a bin 8 x 8 x 16 will hold only 411 bushels ear corn.

For bins 10 feet high add ¼ to above.



For 10 x 24 }  
 For 12 x 20 }  
 For 15 x 16 }  
 For 8 x 30 }  $\times 2$

10 x 12,  
 8 x 15, 6 x 20, 5 x 24, or 4 x 30

For 18 x 20 }  
 For 12 x 30 }  
 For 20 x 24,  $\times 4$

Floor  
 Odd  
 Lath

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
120	140	160	180	200	1	220	240	260	280	300
240	280	320	360	400	2	440	480	520	560	600
360	420	480	540	600	3	660	720	780	840	900
480	560	640	720	800	4	880	960	1040	1120	1200
600	700	800	900	1000	5	1100	1200	1300	1400	1500
720	840	960	1080	1200	6	1320	1440	1560	1680	1800
840	980	1120	1260	1400	7	1540	1680	1820	1960	2100
960	1120	1280	1440	1600	8	1760	1920	2080	2240	2400
1080	1260	1440	1620	1800	9	1980	2160	2340	2520	2700
1200	1400	1600	1800	2000	10	2200	2400	2600	2800	3000
1320	1540	1760	1980	2200	11	2420	2640	2860	3080	3300
1440	1680	1920	2160	2400	12	2640	2880	3120	3360	3600
1560	1820	2080	2340	2600	13	2860	3120	3380	3640	3900
1680	1960	2240	2520	2800	14	3080	3360	3640	3920	4200
1800	2100	2400	2700	3000	15	3300	3600	3900	4200	4500
1920	2240	2560	2880	3200	16	3520	3840	4160	4480	4800
2040	2380	2720	3060	3400	17	3740	4080	4420	4760	5100
2160	2520	2880	3240	3600	18	3960	4320	4680	5040	5400
2280	2660	3040	3420	3800	19	4180	4560	4940	5320	5700
2400	2800	3200	3600	4000	20	4400	4800	5200	5600	6000
2520	2940	3360	3780	4200	21	4620	5040	5460	5880	6300
2640	3080	3520	3960	4400	22	4840	5280	5720	6160	6600
2760	3220	3680	4140	4600	23	5060	5520	5980	6440	6900
2880	3360	3840	4320	4800	24	5280	5760	6240	6720	7200
3000	3500	4000	4500	5000	25	5500	6000	6500	7000	7500

FEET					Pieces	FEET				
6000	7000	8000	9000	10000		11000	12000	13000	14000	15000
9000	10500	12000	13500	15000	75	16500	18000	19500	21000	22500
12000	14000	16000	18000	20000	100	22000	24000	26000	28000	30000

10 x 12.

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET						FEET				
320	340	360	380	400	1	420	440	460	480	500
640	680	720	760	800	2	840	880	920	960	1000
960	1020	1080	1140	1200	3	1260	1320	1380	1440	1500
1280	1360	1440	1520	1600	4	1680	1760	1840	1920	2000
1600	1700	1800	1900	2000	5	2100	2200	2300	2400	2500
1920	2040	2160	2280	2400	6	2520	2640	2760	2880	3000
2240	2380	2520	2660	2800	7	2940	3080	3220	3360	3500
2560	2720	2880	3040	3200	8	3360	3520	3680	3840	4000
2880	3060	3240	3420	3600	9	3780	3960	4140	4320	4500
3200	3400	3600	3800	4000	10	4200	4400	4600	4800	5000
3520	3740	3960	4180	4400	11	4620	4840	5060	5280	5500
3840	4080	4320	4560	4800	12	5040	5380	5520	5760	6000
4160	4420	4680	4940	5200	13	5460	5720	5980	6240	6500
4480	4760	5040	5320	5600	14	5880	6160	6440	6720	7000
4800	5100	5400	5700	6000	15	6300	6600	6900	7200	7500
5120	5440	5760	6080	6400	16	6720	7040	7360	7680	8000
5440	5780	6120	6460	6800	17	7140	7480	7820	8160	8500
5760	6120	6480	6840	7200	18	7560	7920	8280	8640	9000
6080	6460	6840	7220	7600	19	7980	8360	8740	9120	9500
6400	6800	7200	7600	8000	20	8400	8800	9200	9600	10000
6720	7140	7560	7980	8400	21	8820	9240	9660	10080	10500
7040	7480	7920	8360	8800	22	9240	9680	10120	10560	11000
7360	7820	8280	8740	9200	23	9660	10120	10580	11040	11500
7680	8160	8640	9120	9600	24	10080	10560	11040	11520	12000
8000	8500	9000	9500	10000	25	10500	11000	11500	12000	12500

FEET					Pieces	FEET				
16000	17000	18000	19000	20000		21000	22000	23000	24000	25000
24000	25500	27000	28500	30000	75	31500	33000	34500	36000	37500
32000	34000	36000	38000	40000	100	42000	44000	46000	48000	50000

10x12

10x14

12x12

12x14

For 14 x 20  
For 10 x 28

× 2

10 x 14,  
7 x 20 or 5 x 28

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
140	163½	186½	210	233½	1	256½	280	303½	326½	350
280	327	373	420	467	2	513	560	607	653	700
420	490	560	630	700	3	770	840	910	980	1050
560	653	747	840	933	4	1027	1120	1213	1307	1400
700	817	933	1050	1167	5	1283	1400	1517	1633	1750
840	980	1120	1260	1400	6	1540	1680	1820	1960	2100
980	1143	1307	1470	1633	7	1797	1960	2123	2287	2450
1120	1307	1493	1680	1867	8	2053	2240	2427	2613	2800
1260	1470	1680	1890	2100	9	2310	2520	2730	2940	3150
1400	1633	1867	2100	2333	10	2567	2800	3033	3267	3500
1540	1797	2053	2310	2567	11	2823	3080	3337	3593	3850
1680	1960	2240	2520	2800	12	3080	3360	3640	3920	4200
1820	2123	2427	2730	3033	13	3337	3640	3943	4247	4550
1960	2287	2613	2940	3267	14	3593	3920	4247	4573	4900
2100	2450	2800	3150	3500	15	3850	4200	4550	4900	5250
2240	2613	2987	3360	3733	16	4107	4480	4853	5227	5600
2380	2777	3173	3570	3967	17	4363	4760	5157	5553	5950
2520	2940	3360	3780	4200	18	4620	5040	5460	5880	6300
2660	3103	3547	3990	4433	19	4877	5320	5763	6207	6650
2800	3267	3733	4200	4667	20	5133	5600	6067	6533	7000
2940	3430	3920	4410	4900	21	5390	5880	6370	6860	7350
3080	3593	4107	4620	5133	22	5647	6160	6673	7187	7700
3220	3757	4293	4830	5367	23	5903	6440	6977	7513	8050
3360	3920	4480	5040	5600	24	6160	6720	7280	7840	8400
3500	4083	4667	5250	5833	25	6417	7000	7583	8167	8750

FEET					Pieces	FEET				
7000	8167	9333	10500	11667		12833	14000	15167	16333	17500
10500	12250	14000	15750	17500	75	19250	21000	22750	24500	26250
14000	16333	18667	21000	23333	100	25667	28000	30333	32667	35000

10 x 14.

LENGTH					Pieces	LENGTH				
32	34	36	38	40		42	44	46	48	50
FEET						FEET				
373½	396½	420	443½	466½	1	490	513½	536½	560	583½
747	793	840	887	933	2	980	1027	1073	1120	1167
1120	1190	1260	1330	1400	3	1470	1540	1610	1680	1750
1493	1587	1680	1773	1867	4	1960	2053	2147	2240	2333
1867	1983	2100	2217	2333	5	2450	2567	2683	2800	2917
2240	2380	2520	2660	2800	6	2940	3080	3220	3360	3500
2613	2777	2940	3103	3267	7	3430	3593	3757	3920	4083
2987	3173	3360	3547	3733	8	3920	4107	4293	4480	4667
3360	3570	3780	3990	4200	9	4410	4720	4830	5040	5250
3733	3967	4200	4433	4667	10	4900	5133	5367	5600	5833
4107	4363	4620	4877	5133	11	5390	5647	5903	6160	6417
4480	4760	5040	5320	5600	12	5880	6160	6440	6720	7000
4853	5157	5460	5763	6067	13	6370	6673	6977	7280	7583
5227	5553	5880	6207	6533	14	6860	7187	7513	7840	8167
5600	5950	6300	6650	7000	15	7350	7700	8050	8400	8750
5973	6347	6720	7093	7467	16	7840	8213	8587	8960	9333
6347	6743	7140	7537	7933	17	8330	8727	9123	9520	9917
6720	7140	7560	7980	8400	18	8820	9240	9660	10080	10500
7093	7537	7980	8423	8867	19	9310	9753	10197	10640	11083
7467	7933	8400	8867	9333	20	9800	10267	10733	11200	11667
7840	8330	8820	9310	9800	21	10290	10780	11270	11760	12250
8213	8727	9240	9753	10267	22	10780	11293	11807	12320	12833
8587	9123	9660	10197	10733	23	11270	11807	12343	12880	13417
8960	9520	10080	10640	11200	24	11760	12320	12880	13440	14000
9333	9917	10500	11083	11667	25	12250	12833	13417	14000	14583

FEET					Pieces	FEET				
18667	19833	21000	22167	23333		24500	25667	26833	28000	29167
27999	28750	31500	33250	35000	75	36750	38500	40250	42000	43750
37333	39667	42000	44333	46667	100	49000	51333	53667	56000	58333



For 12 x 24  
For 16 x 18 }  $\times 2$

12 x 12,  
9 x 16, 6 x 24, or 8 x 18

For 18 x 24,  $\times 3$   
For 24 x 24,  $\times 4$

Floor  
Odd  
Lath

LENGTH					Pieces	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET					FEET					
144	168	192	216	240	1	264	288	312	336	360
288	336	384	432	480	2	528	576	624	672	720
432	504	576	648	720	3	792	864	936	1008	1080
576	672	768	864	960	4	1056	1152	1248	1344	1440
720	840	960	1080	1200	5	1320	1440	1560	1680	1800
864	1008	1152	1296	1440	6	1584	1728	1872	2016	2160
1008	1176	1344	1512	1680	7	1848	2016	2184	2352	2520
1152	1344	1536	1728	1920	8	2112	2304	2496	2688	2880
1296	1512	1728	1944	2160	9	2376	2592	2808	3024	3240
1440	1680	1920	2160	2400	10	2640	2880	3120	3360	3600
1584	1848	2112	2376	2640	11	2904	3168	3432	3696	3960
1728	2016	2304	2592	2880	12	3168	3456	3744	4032	4320
1872	2184	2496	2808	3120	13	3432	3744	4056	4368	4680
2016	2352	2688	3024	3360	14	3696	4032	4368	4704	5040
2160	2520	2880	3240	3600	15	3960	4320	4680	5040	5400
2304	2688	3072	3456	3840	16	4224	4608	4992	5376	5760
2448	2856	3264	3672	4080	17	4488	4896	5304	5712	6120
2592	3024	3456	3888	4320	18	4752	5184	5616	6048	6480
2736	3192	3648	4104	4560	19	5016	5472	5928	6384	6840
2880	3360	3840	4320	4800	20	5280	5760	6240	6720	7200
3024	3528	4032	4536	5040	21	5544	6048	6552	7056	7560
3168	3696	4224	4752	5280	22	5808	6336	6864	7392	7920
3312	3864	4416	4968	5520	23	6072	6624	7176	7728	8280
3456	4032	4608	5184	5760	24	6336	6912	7488	8064	8640
3600	4200	4800	5400	6000	25	6600	7200	7800	8400	9000

FEET					Pieces	FEET				
7200	8400	9600	10800	12000		13200	14400	15600	16800	18000
10800	12600	14400	16200	18000	75	19800	21600	23400	25200	27000
14400	16800	19200	21600	24000	100	26400	28800	31200	33600	36000

12 x 12,

LENGTH					Pieces	LENGTH				
32	34	36 FEET	38	40		42	44	46 FEET	48	50
384	408	432	456	480	1	504	528	552	576	600
768	816	864	912	960	2	1008	1056	1104	1152	1200
1152	1224	1296	1368	1440	3	1512	1584	1656	1728	1800
1536	1632	1728	1824	1920	4	2016	2112	2208	2304	2400
1920	2040	2160	2280	2400	5	2520	2640	2760	2880	3000
2304	2448	2592	2736	2880	6	3024	3168	3312	3456	3600
2688	2856	3024	3192	3360	7	3528	3696	3864	4032	4200
3072	3264	3456	3648	3840	8	4032	4224	4416	4608	4800
3456	3672	3888	4104	4320	9	4536	4752	4968	5184	5400
3840	4080	4320	4560	4800	10	5040	5280	5520	5760	6000
4224	4488	4752	5016	5280	11	5544	5808	6072	6336	6600
4608	4896	5184	5472	5760	12	6048	6336	6624	6912	7200
4992	5304	5616	5928	6240	13	6552	6864	7176	7488	7800
5376	5712	6048	6384	6720	14	7056	7392	7728	8064	8400
5760	6120	6480	6840	7200	15	7560	7920	8280	8640	9000
6144	6528	6912	7296	7680	16	8064	8448	8832	9216	9600
6528	6936	7344	7752	8160	17	8568	8976	9384	9792	10200
6912	7344	7776	8208	8640	18	9072	9504	9936	10368	10800
7296	7752	8208	8664	9120	19	9576	10032	10488	10944	11400
7680	8160	8640	9120	9600	20	10080	10560	11040	11520	12000
8064	8568	9072	9576	10080	21	10584	11088	11592	12096	12600
8448	8976	9504	10032	10560	22	11088	11616	12144	12672	13200
8832	9384	9936	10488	11040	23	11592	12144	12696	13248	13800
9216	9792	10368	10944	11520	24	12096	12672	13248	13824	14400
9600	10200	10800	11400	12000	25	12600	13200	13800	14400	15000

FEET					Pieces	FEET				
19200	20400	21600	22800	24000		25200	26400	27600	28800	30000
28800	30600	32400	34200	36000	75	47800	39500	41400	43200	45000
38400	40800	43200	45600	48000	100	50100	52800	55200	57600	60000

10x14  
12x12

12x14

For 12 x 28 } x 2  
For 14 x 24 }  
For 6 x 14, ÷ 2

12 x 14,  
7 x 24, 6 x 28, or 8 x 21

For 7 x 12, ÷ 2  
For 4 x 14, ÷ 3

LENGTH					PIECES	LENGTH				
12	14	16	18	20		22	24	26	28	30
FEET						FEET				
168	196	224	252	280	1	308	336	364	392	420
336	392	448	504	560	2	616	672	728	784	840
504	588	672	756	840	3	924	1008	1092	1176	1260
672	784	896	1008	1120	4	1232	1344	1456	1568	1680
840	980	1120	1260	1400	5	1540	1680	1820	1960	2100
1008	1176	1344	1512	1680	6	1848	2016	2184	2352	2520
1176	1372	1568	1764	1960	7	2156	2352	2548	2744	2940
1344	1568	1792	2016	2240	8	2464	2688	2912	3136	3360
1512	1764	2016	2268	2520	9	2772	3024	3276	3528	3780
1680	1960	2240	2520	2800	10	3080	3360	3640	3920	4200
1848	2156	2464	2772	3080	11	3388	3696	4004	4312	4620
2016	2352	2688	3024	3360	12	3696	4032	4368	4704	5040
2184	2548	2912	3276	3640	13	4004	4368	4732	5096	5460
2352	2744	3136	3528	3920	14	4312	4704	5096	5488	5880
2520	2940	3360	3780	4200	15	4620	5040	5460	5880	6300
2688	3136	3584	4032	4480	16	4928	5376	5824	6272	6720
2856	3332	3808	4284	4760	17	5236	5712	6188	6664	7140
3024	3528	4032	4536	5040	18	5544	6048	6552	7056	7560
3192	3724	4256	4788	5320	19	5852	6384	6916	7448	7980
3360	3920	4480	5040	5600	20	6160	6720	7280	7840	8400
3528	4116	4704	5292	5880	21	6468	7056	7644	8232	8820
3696	4312	4928	5544	6160	22	6776	7392	8008	8624	9240
3864	4508	5152	5796	6440	23	7084	7728	8372	9016	9660
4032	4704	5376	6048	6720	24	7392	8064	8736	9408	10080
4200	4900	5600	6300	7000	25	7700	8400	9100	9800	10500

12	14	16	18	20	PIECES	22	24	26	28	30
FEET						FEET				
8400	9800	11200	12600	14000	50	15400	16800	18200	19600	21000
12600	14700	16800	18900	21000	75	23100	25200	27300	29400	31500
16800	19600	22400	25200	28000	100	30800	33600	36400	39200	42000

32	34	36	38	40		42	44	46	48	50
FEET					Pieces	FEET				
448	476	504	532	560	1	588	616	644	672	700
896	952	1008	1064	1120	2	1176	1232	1288	1344	1400
1344	1428	1512	1596	1680	3	1764	1848	1932	2016	2100
1792	1904	2016	2128	2240	4	2352	2464	2576	2688	2800
2240	2380	2520	2660	2800	5	2940	3080	3220	3360	3500
2688	2856	3024	3192	3360	6	3528	3696	3864	4032	4200
3136	3332	3528	3724	3920	7	4116	4312	4508	4704	4900
3584	3808	4032	4256	4480	8	4704	4928	5152	5376	5600
4032	4284	4536	4788	5040	9	5292	5544	5796	6048	6300
4480	4760	5040	5320	5600	10	5880	6160	6440	6720	7000
4928	5236	5544	5852	6260	11	6468	6776	7084	7392	7700
5376	5712	6048	6384	6720	12	7056	7392	7728	8064	8400
5824	6188	6552	6916	7280	13	7644	8008	8372	8736	9100
6272	6664	7056	7448	7840	14	8232	8624	9016	9408	9800
6720	7140	7560	7980	8400	15	8820	9240	9660	10080	10500
7168	7616	8064	8512	8960	16	9408	9856	10304	10752	11200
7616	8092	8568	9044	9520	17	9996	10472	10948	11424	11900
8064	8568	9072	9576	10080	18	10584	11088	11592	12096	12600
8512	9044	9576	10108	10640	19	11172	11704	12236	12768	13300
8960	9520	10080	10640	11200	20	11760	12320	12880	13440	14000
9408	9996	10584	11172	11760	21	12348	12936	13524	14112	14700
9856	10472	11088	11704	12320	22	12936	13552	14168	14784	15400
10304	10948	11592	12236	12880	23	13524	14168	14812	15456	16100
10752	11424	12096	12768	13440	24	14112	14784	15456	16128	16800
11200	11900	12600	13300	14000	25	14700	15400	16100	16800	17500

32	34	36	38	40	PIECES	42	44	46	48	50
FEET						FEET				
22400	23800	25200	26600	28000	50	29400	30800	32200	33600	35000
33600	35700	37800	39900	42000	75	44100	46200	48300	50400	52500
44800	47600	50400	53200	56000	100	58800	61600	64400	67200	70000



# Safe Loads for Long Leaf Yellow Pine and Fir Columns Standing Plumb, Supported at the Ends Only.

Floor  
Odd  
Lath

LENGTH OF POST, FEET				SIZE OF POST	LENGTH OF POST, FEET			
8	10	12	14		16	18	20	22
POUNDS				INCHES	POUNDS			
12160	11200	10240	9280	4x4	8320	7360	6400	5440
18200	16800	15360	13920	4x6	12480	11040	9600	8160
19500	18760	17550	16500	5 1/2 diam. round	15460	14416	13395	12350
30200	28800	27400	25900	6x6	24500	23040	21600	20160
40300	38400	36500	34600	6x8	32600	30720	28800	26880
50400	48000	45600	43200	6x10	40800	38400	36000	33600
38540	37130	35710	34300	7 1/2 diam. round	32890	31450	30035	28622
64000	54400	52500	50600	8x8	48600	46700	44800	42880
80000	68000	65600	63200	8x10	60800	58400	56000	53600
96000	81600	78700	76800	8x12	73000	70100	67200	64320
70900	61970	60190	58350	9 1/2 diam. round	56580	54800	53018	51175
100000	100000	85600	83200	10x10	80800	78400	76000	73600
120000	120000	102700	99800	10x12	97000	94100	91200	88320
140000	140000	119900	116500	10x14	113100	109800	106400	103040
103900	103900	90912	88736	11 1/2 diam. round	86550	84180	82290	79972
144000	144000	144000	123800	12x12	121000	118100	115200	109440
168000	168000	168000	144500	12x14	141100	137800	134400	127680
192000	192000	192000	165100	12x16	161300	157400	153600	145920
196000	196000	196000	196000	14x14	169100	165500	162400	155800
256000	256000	256000	256000	16x16	225300	221400	217600	209900
324000	324000	324000	324000	18x18	289400	285100	280800	272160
400000	400000	400000	400000	20x20	400000	356800	352000	342400

Above are results of full size columns tested at the United States arsenal at Watertown, Mass., by James H. Stanwood, who is instructor in civil engineering at Massachusetts Institute of Technology, as quoted by Frank E. Kidder in his "Architect's Pocket-Book." Above table is based on the following formula:

Safe load per square inch of cross section =  $1000 - \left( 10 \times \frac{\text{length in inches}}{\text{breadth in inches}} \right)$

Other woods gave the following, to-wit:

Short leaf yellow pine:

Safe load per square inch of cross section =  $850 - \left( 8.5 \times \frac{\text{length in inches}}{\text{breadth in inches}} \right)$

Oak and Norway pine:

Safe load per square inch of cross section =  $750 - \left( 7.5 \times \frac{\text{length in inches}}{\text{breadth in inches}} \right)$

White pine and spruce:

Safe load per square inch of cross section =  $625 - \left( 6 \times \frac{\text{length in inches}}{\text{breadth in inches}} \right)$

For the breadth use shortest side, i. e., in a 4x6 the breadth is 4 inches. The results from above equations multiplied by area of cross section give the safe load in pounds.

## Holding Power of Nails.

In 1892 and 1893 thorough tests of the comparative holding power of cut and wire nails were made at the United States arsenal, Watertown, Mass. Equal lengths and weights of each kind of nails were driven into spruce to equal depths. In every test the cut nails were greatly superior, the finishing nails showing a superiority of 72.22 per cent and the common nails 47.51 per cent, or an average of 60 1/2 per cent in favor of the cut nails. But the best nail is a wire nail coated with asphaltum cement, a patented article made by J. C. Pearson Co., of Boston. Being lighter, it is claimed to be the most economical in use.

## Pounds Required to Pull Nails Out of Pine.

The United States arsenal at Watertown, Mass., made tests of the comparative adhesive power of smooth and cement coated nails driven into common pine, with the following results:

SIZE OF NAIL	Length driven, inches	SMOOTH WIRE NAIL		CEMENT COATED WIRE NAIL	
		Diameter, inch	Pounds required to pull	Diameter, inch	Pounds required to pull
Tenpenny common.....	2 1/2	.145	167	.117	418
Ninepenny common.....	2 1/4	.132	182	.114	327
Eightpenny common.....	2	.132	189	.112	316
Sixpenny common.....	1 3/4	.097	106	.092	220

1 x 2 1/4,

# Hardwood Flooring,

For 1 x 4 1/2, x 2

2 1/4-inch count (1 1/2-inch face)

LENGTH, FEET				Pieces	LENGTH, FEET			
1	1½	2	2½		3	3½	4	4½
FEET B. M.					FEET B. M.			
.188	.281	.375	.469	1	.563	.656	.750	.844
.375	.563	.750	.938	2	1.125	1.313	1.500	1.688
.563	.844	1.125	1.406	3	1.688	1.969	2.250	2.531
.750	1.125	1.500	1.875	4	2.250	2.625	3.000	3.375
.938	1.406	1.875	2.344	5	2.813	3.281	3.750	4.219
1.125	1.688	2.250	2.813	6	3.375	3.938	4.500	5.063
1.313	1.969	2.625	3.281	7	3.938	4.594	5.250	5.906
1.500	2.250	3.000	3.750	8	4.500	5.250	6.000	6.750
1.688	2.531	3.375	4.219	9	5.063	5.906	6.750	7.594
1.875	2.813	3.750	4.688	10	5.625	6.563	7.500	8.438
2.063	3.094	4.125	5.156	11	6.188	7.219	8.250	9.281
2.250	3.375	4.500	5.625	12	6.750	7.875	9.000	10.125
2.438	3.656	4.875	6.094	13	7.313	8.531	9.750	10.969
2.625	3.938	5.250	6.563	14	7.875	9.188	10.500	11.813
2.813	4.219	5.625	7.031	15	8.438	9.844	11.250	12.656
3.000	4.500	6.000	7.500	16	9.000	10.500	12.000	13.500
3.188	4.781	6.375	7.969	17	9.563	11.156	12.750	14.344
3.375	5.063	6.750	8.438	18	10.125	11.813	13.500	15.188
3.563	5.344	7.125	8.906	19	10.688	12.469	14.250	16.031
3.750	5.625	7.500	9.375	20	11.250	13.125	15.000	16.875
3.938	5.906	7.875	9.844	21	11.813	13.781	15.750	17.719
4.125	6.188	8.250	10.313	22	12.375	14.438	16.500	18.563
4.313	6.469	8.625	10.781	23	12.938	15.094	17.250	19.406
4.500	6.750	9.000	11.250	24	13.500	15.750	18.000	20.250
4.688	7.031	9.375	11.719	25	13.863	16.406	18.750	21.094
5	5½	6	6½	Pieces	7	7½	8	8½
FEET B. M.					FEET B. M.			
.938	1.031	1.125	1.219	1	1.313	1.406	1.500	1.594
1.875	2.063	2.250	2.438	2	2.625	2.813	3.000	3.188
2.813	3.094	3.375	3.656	3	3.938	4.219	4.500	4.781
3.750	4.125	4.500	4.875	4	5.250	5.625	6.000	6.375
4.688	5.156	5.625	6.094	5	6.563	7.031	7.500	7.969
5.625	6.188	6.750	7.313	6	7.875	8.438	9.000	9.563
6.563	7.219	7.875	8.531	7	9.188	9.844	10.500	11.156
7.500	8.250	9.000	9.750	8	10.500	11.250	12.000	12.750
8.438	9.281	10.125	10.969	9	11.813	12.656	13.500	14.344
9.375	10.313	11.250	12.188	10	13.125	14.063	15.000	15.938
10.313	11.344	12.375	13.406	11	14.438	15.469	16.500	17.531
11.250	12.375	13.500	14.625	12	15.750	16.875	18.000	19.125
12.188	13.406	14.625	15.844	13	17.063	18.281	19.500	20.719
13.125	14.438	15.750	17.063	14	18.375	19.688	21.000	22.313
14.063	15.469	16.875	18.281	15	19.688	21.094	22.500	23.906
15.000	16.500	18.000	19.500	16	21.000	22.500	24.000	25.500
15.938	17.531	19.125	20.719	17	22.313	23.906	25.500	27.094
16.875	18.563	20.250	21.938	18	23.625	25.313	27.000	28.688
17.813	19.594	21.375	23.156	19	24.938	26.719	28.500	30.281
18.750	20.625	22.500	24.375	20	26.250	28.125	30.000	31.875
19.688	21.656	23.625	25.594	21	27.563	29.531	31.500	33.469
20.625	22.688	24.750	26.813	22	28.875	30.938	33.000	35.063
21.563	23.719	25.875	28.031	23	30.188	32.344	34.500	36.656
22.500	24.750	27.000	29.250	24	31.500	33.750	36.000	38.250
23.438	25.781	28.125	30.469	25	32.813	35.156	37.500	39.844

*Explanation*—Moving the decimal point one place to the right multiplies by 10, two places by 100, and three places by 1000. Use above table by applying this principle, thus: for the feet b. m. in 40 (10 x 4) pieces 6 ft. 6 in. read for four pieces, considering the decimal point one place to the right, making 48.75 feet; for 400 (100 x 4) pieces 487.5 feet, and for 4000 (1000 x 4)



1 x 2 1/4,

# Hardwood Flooring,

For 1 x 4 1/2, x 2

2 1/4-inch count (1 1/2-inch face)

Floor  
Odd  
Lath

LENGTH, FEET				Pieces	LENGTH, FEET			
9	9 1/2	10	10 1/2		11	11 1/2	12	12 1/2
FEET B. M.					FEET B. M.			
1.688	1.781	1.875	1.969	1	2.063	2.156	2.250	2.344
3.375	3.563	3.750	3.938	2	4.125	4.313	4.500	4.688
5.063	5.344	5.625	5.906	3	6.188	6.469	6.750	7.031
6.750	7.125	7.500	7.875	4	8.250	8.625	9.000	9.375
8.438	8.906	9.375	9.844	5	10.313	10.781	11.250	11.719
10.125	10.688	11.250	11.813	6	12.375	12.938	13.500	14.063
11.813	12.469	13.125	13.781	7	14.438	15.094	15.750	16.406
13.500	14.250	15.000	15.750	8	16.500	17.250	18.000	18.750
15.188	16.031	16.875	17.719	9	18.563	19.406	20.250	21.094
16.875	17.813	18.750	19.688	10	20.625	21.563	22.500	23.438
18.563	19.594	20.625	21.656	11	22.688	23.719	24.750	25.781
20.250	21.375	22.500	23.625	12	24.750	25.875	27.000	28.125
21.938	23.156	24.375	25.594	13	26.813	28.031	29.250	30.469
23.625	24.938	26.250	27.563	14	28.875	30.188	31.500	32.813
25.313	26.719	28.125	29.531	15	30.938	32.344	33.750	35.156
27.000	28.500	30.000	31.500	16	33.000	34.500	36.000	37.500
28.688	30.281	31.875	33.469	17	35.063	36.656	38.250	39.844
30.375	32.063	33.750	35.438	18	37.125	38.813	40.500	42.188
32.063	33.844	35.625	37.406	19	39.188	40.969	42.750	44.531
33.750	35.625	37.500	39.375	20	41.250	43.125	45.000	46.875
35.438	37.406	39.375	41.344	21	43.313	45.281	47.250	49.219
37.125	39.188	41.250	43.313	22	45.375	47.438	49.500	51.563
38.813	40.969	43.125	45.281	23	47.438	49.594	51.750	53.906
40.500	42.750	45.000	47.250	24	49.500	51.750	54.000	56.250
42.188	44.531	46.875	49.219	25	51.563	53.906	56.250	58.594
13	13 1/2	14	14 1/2	Pieces	15	15 1/2	16	16 1/2
FEET B. M.					FEET B. M.			
2.438	2.531	2.625	2.719	1	2.813	2.906	3.000	3.094
4.875	5.063	5.250	5.438	2	5.625	5.813	6.000	6.188
7.313	7.594	7.875	8.156	3	8.438	8.719	9.000	9.281
9.750	10.125	10.500	10.875	4	11.250	11.625	12.000	12.375
12.188	12.656	13.125	13.594	5	14.063	14.531	15.000	15.469
14.625	15.188	15.750	16.313	6	16.875	17.438	18.000	18.563
17.063	17.719	18.375	19.031	7	19.688	20.344	21.000	21.656
19.500	20.250	21.000	21.750	8	22.500	23.250	24.000	24.750
21.938	22.781	23.625	24.469	9	25.313	26.156	27.000	27.844
24.375	25.313	26.250	27.188	10	28.125	29.063	30.000	30.938
26.813	27.844	28.875	29.906	11	30.938	31.969	33.000	34.031
29.250	30.375	31.500	32.625	12	33.750	34.875	36.000	37.125
31.688	32.906	34.125	35.344	13	36.563	37.781	39.000	40.219
34.125	35.438	36.750	38.063	14	39.375	40.688	42.000	43.313
36.563	37.969	39.375	40.781	15	42.188	42.594	45.000	46.406
39.000	40.500	42.000	43.500	16	45.000	46.500	48.000	49.500
41.438	43.031	44.625	46.219	17	47.813	49.406	51.000	52.594
43.875	45.563	47.250	48.938	18	50.625	52.313	54.000	55.688
46.313	48.094	49.875	51.656	19	53.438	55.219	57.000	58.781
48.750	50.625	52.500	54.375	20	56.250	58.125	60.000	61.875
51.188	53.156	55.125	57.094	21	59.063	61.031	63.000	64.969
53.625	55.688	57.750	59.813	22	61.875	63.938	66.000	68.063
56.063	58.219	60.375	62.531	23	64.688	66.844	69.000	71.156
58.500	60.750	63.000	65.250	24	67.500	69.750	72.000	74.250
60.938	63.281	65.625	67.969	25	70.313	72.656	75.000	77.344

1x2 1/4

1x3

1x4

ODD

Lath

Shg.

\$0.85

\$1.20

\$1.25

\$1.60

\$1.65

\$2.00

\$2.05

\$2.40

\$2.45

\$2.80

\$2.85

\$3.20

\$3.25

\$3.60

\$3.65

\$4.00

\$4.05

\$4.40

\$4.45

\$4.80

\$4.85

\$5.20

\$5.25

\$5.60

\$5.65

\$6.00

EST.

pieces, 4875 feet. Again for 43 pieces, 6 ft. 6 in., read for 4 pieces, considering the point one place to right, or 48.75, and then add for the three pieces the contents given for three, or 3.656, or a total of 52.406 feet in 43 pieces, which in final results would be called 52 feet. Thus used these hardwood flooring tables will apply to any quantities.

$1 \times 2\frac{3}{4}$ ,  
Hardwood Flooring,  
 $\frac{3}{4}$ -inch count (2-inch face)

LENGTH, FEET				Pieces	LENGTH, FEET			
1	1½	2	2½		3	3½	4	4½
FEET B. M.					FEET B. M.			
1.229	.344	.458	.573	1	.687	.802	.917	1.031
2.458	.688	.917	1.146	2	1.375	1.604	1.833	2.062
1.688	1.031	1.375	1.719	3	2.062	2.406	2.750	3.094
2.917	1.375	1.833	2.292	4	2.750	3.208	3.667	4.125
1.146	1.719	2.292	2.865	5	3.437	4.010	4.583	5.156
1.375	2.063	2.750	3.437	6	4.125	4.812	5.500	6.187
1.604	2.406	3.208	4.010	7	4.812	5.614	6.417	7.219
1.833	2.750	3.667	4.583	8	5.500	6.417	7.333	8.250
2.063	3.094	4.125	5.156	9	6.187	7.219	8.250	9.281
2.292	3.438	4.583	5.729	10	6.875	8.021	9.167	10.312
2.521	3.781	5.042	6.302	11	7.562	8.823	10.083	11.344
2.750	4.125	5.500	6.875	12	8.250	9.625	11.000	12.375
2.979	4.469	5.958	7.448	13	8.937	10.427	11.916	13.406
3.208	4.813	6.417	8.021	14	9.625	11.229	12.833	14.437
3.438	5.156	6.875	8.594	15	10.312	12.031	13.750	15.468
3.667	5.500	7.333	9.167	16	11.000	12.833	14.666	16.500
3.896	5.844	7.792	9.739	17	11.687	13.635	15.583	17.531
4.125	6.188	8.250	10.312	18	12.375	14.437	16.500	18.562
4.354	6.531	8.708	10.885	19	13.062	15.239	17.416	19.593
4.583	6.875	9.167	11.458	20	13.750	16.041	18.333	20.625
4.813	7.219	9.625	12.031	21	14.437	16.843	19.250	21.656
5.042	7.563	10.083	12.604	22	15.125	17.646	20.166	22.687
5.271	7.906	10.542	13.177	23	15.812	18.448	21.083	23.718
5.500	8.250	11.000	13.750	24	16.500	19.250	22.000	24.750
5.729	8.594	11.458	14.323	25	17.187	20.052	22.916	25.781

5	5½	6	6½	Pieces	7	7½	8	8½
FEET B. M.					FEET B. M.			
1.146	1.260	1.375	1.490	1	1.604	1.719	1.833	1.948
2.292	2.521	2.750	2.979	2	3.208	3.437	3.667	3.896
3.437	3.781	4.125	4.469	3	4.812	5.156	5.500	5.844
4.583	5.042	5.500	5.958	4	6.417	6.875	7.333	7.791
5.729	6.302	6.875	7.448	5	8.021	8.594	9.166	9.739
6.875	7.562	8.250	8.937	6	9.625	10.312	11.000	11.687
8.021	8.823	9.625	10.427	7	11.229	12.031	12.833	13.635
9.166	10.083	11.000	11.916	8	12.833	13.750	14.666	15.583
10.312	11.344	12.375	13.406	9	14.437	15.468	16.500	17.531
11.458	12.604	13.750	14.896	10	16.041	17.187	18.333	19.479
12.604	13.864	15.125	16.885	11	17.645	18.906	20.166	21.427
13.750	15.125	16.500	17.875	12	19.250	20.625	21.999	23.374
14.896	16.385	17.875	19.364	13	20.854	22.343	23.833	25.322
16.041	17.645	19.250	20.854	14	22.458	24.062	25.666	27.270
17.187	18.906	20.625	22.343	15	24.062	25.781	27.499	29.218
18.333	20.166	22.000	23.833	16	25.666	27.499	29.333	31.166
19.479	21.427	23.374	25.322	17	27.270	29.218	31.166	33.114
20.625	22.687	24.749	26.812	18	28.874	30.937	32.999	35.062
21.770	23.947	26.124	28.301	19	30.478	32.655	34.833	37.010
22.916	25.208	27.499	29.791	20	32.083	34.374	36.666	38.957
24.062	26.468	28.874	31.281	21	33.687	36.093	38.499	40.905
25.208	27.729	30.249	32.770	22	35.291	37.812	40.332	42.853
26.354	28.989	31.624	34.260	23	36.895	39.530	42.166	44.801
27.499	30.249	32.999	35.749	24	38.499	41.249	43.999	46.749
28.645	31.510	34.374	37.239	25	40.103	42.968	45.832	48.697

*Explanation*—Moving the decimal point one place to the right multiplies by 10, two places by 100, and three places by 1000. Use above table by applying this principle, thus: for the feet b. m. in 40 ( $10 \times 4$ ) pieces 6 ft. 6 in. read for four pieces, considering the decimal point one place to the right, making 59.58 feet; for 400 ( $100 \times 4$ ) pieces 595.8 feet, and, for 4000 ( $1000 \times 4$ )



**1 x 2 3/4,**  
**Hardwood Flooring,**  
2 3/4-inch count (2-inch face)

LENGTH, FEET				Pieces	LENGTH, FEET			
9	9 1/2	10	10 1/2		11	11 1/2	12	12 1/2
FEET B. M.					FEET B. M.			
2.063	2.177	2.292	2.406	1	2.521	2.635	2.750	2.865
4.125	4.354	4.583	4.812	2	5.042	5.271	5.500	5.729
6.188	6.531	6.875	7.219	3	7.562	7.906	8.250	8.594
8.250	8.708	9.167	9.625	4	10.083	10.542	11.000	11.458
10.313	10.885	11.458	12.031	5	12.604	13.177	13.750	14.323
12.375	13.062	13.750	14.437	6	15.125	15.812	16.500	17.187
14.438	15.240	16.042	16.844	7	17.646	18.448	19.250	20.052
16.500	17.417	18.333	19.250	8	20.167	21.083	22.000	22.917
18.563	19.594	20.625	21.656	9	22.687	23.719	24.750	25.781
20.625	21.771	22.917	24.062	10	25.208	26.354	27.500	28.646
22.688	23.948	25.208	26.469	11	27.729	28.989	30.250	31.510
24.750	26.125	27.500	28.875	12	30.250	31.625	33.000	34.375
26.813	28.302	29.792	31.281	13	32.771	34.260	35.750	37.240
28.875	30.479	32.083	33.687	14	35.291	36.896	38.500	40.104
30.938	32.656	34.375	36.094	15	37.813	39.531	41.250	42.969
33.000	34.833	36.667	38.500	16	40.333	42.166	44.000	45.833
35.063	37.010	38.958	40.906	17	42.854	44.802	46.750	48.698
37.125	39.187	41.250	43.312	18	45.375	47.437	49.500	51.562
39.188	41.365	43.542	45.719	19	47.896	50.073	52.250	54.427
41.250	43.542	45.833	48.125	20	50.416	52.708	55.000	57.292
43.313	45.719	48.125	50.531	21	52.937	55.343	57.750	60.156
45.375	47.896	50.417	52.937	22	55.458	57.979	60.500	63.021
47.438	50.073	52.708	55.344	23	57.979	60.614	63.250	65.885
49.500	52.250	55.000	57.750	24	60.500	63.250	66.000	68.750
51.563	54.427	57.292	60.156	25	63.021	65.885	68.750	71.615
13	13 1/2	14	14 1/2	Pieces	15	15 1/2	16	16 1/2
FEET B. M.					FEET B. M.			
2.979	3.094	3.208	3.323	1	3.438	3.552	3.667	3.781
5.958	6.187	6.417	6.646	2	6.875	7.104	7.333	7.562
8.937	9.281	9.625	9.969	3	10.313	10.656	11.000	11.344
11.917	12.375	12.833	13.292	4	13.750	14.208	14.667	15.125
14.896	15.469	16.042	16.615	5	17.188	17.760	18.333	18.906
17.875	18.562	19.250	19.937	6	20.625	21.312	22.000	22.687
20.854	21.656	22.458	23.260	7	24.063	24.865	25.667	26.469
23.833	24.750	25.667	26.583	8	27.500	28.417	29.333	30.250
26.812	27.844	28.875	29.906	9	30.938	31.969	33.000	34.031
29.792	30.937	32.083	33.229	10	34.375	35.521	36.667	37.812
32.771	34.031	35.292	36.552	11	37.813	39.073	40.333	41.594
35.750	37.125	38.500	39.875	12	41.250	42.625	44.000	45.375
38.729	40.219	41.708	43.198	13	44.688	46.177	47.667	49.156
41.708	43.312	44.917	46.521	14	48.125	49.729	51.333	52.937
44.687	46.406	48.125	49.844	15	51.563	53.281	55.000	56.719
47.667	49.500	51.333	53.167	16	55.000	56.833	58.667	60.500
50.646	52.594	54.542	56.489	17	58.438	60.385	62.333	64.281
53.625	55.687	57.750	59.812	18	61.875	63.937	66.000	68.062
56.604	58.781	60.958	63.135	19	65.313	67.490	69.667	71.844
59.583	61.875	64.167	66.458	20	68.750	71.042	73.333	75.625
62.562	64.969	67.375	69.781	21	72.188	74.594	77.000	79.407
65.542	68.062	70.583	73.104	22	75.625	78.146	80.667	83.187
68.521	71.156	73.792	76.427	23	79.063	81.698	84.333	86.969
71.500	74.250	77.000	79.750	24	82.500	85.250	88.000	90.750
74.479	77.344	80.208	83.073	25	85.938	88.802	91.667	94.531

pieces, 5958 feet. Again for 43 pieces 6 ft. 6 in. read for 4 pieces, considering the point one place to right, or 59.58, and then add for the three pieces the contents given for three, or 4.469, or a total of 64.049 feet in 43 pieces, which in final results would be called 64 feet. Thus used these hardwood flooring tables will apply to any quantities.

1x2 3/4

1x3

1x4

ODD

Lath

Shg.

\$0.85

\$1.20

\$1.25

\$1.60

\$1.65

\$2.00

\$2.05

\$2.40

\$2.45

\$2.80

\$2.85

\$3.20

\$3.25

\$3.60

\$3.65

\$4.00

\$4.05

\$4.40

\$4.45

\$4.80

\$4.85

\$5.20

\$5.25

\$5.60

\$5.65

\$6.00

EST.

1 x 3,

# Hardwood Flooring.

For 1 x 1½, + 2

3-inch count (2¼-inch face)

For 1 x 6, X 2

LENGTH, FEET				Pieces	LENGTH, FEET			
1	1½	2	2½		3	3½	4	4½
FEET B. M.	FEET B. M.	FEET B. M.	FEET B. M.		FEET B. M.	FEET B. M.	FEET B. M.	FEET B. M.
.250	.375	.500	.625	1	.750	.875	1.000	1.125
.500	.750	1.000	1.250	2	1.500	1.750	2.000	2.250
.750	1.125	1.500	1.875	3	2.250	2.625	3.000	3.375
1.000	1.500	2.000	2.500	4	3.000	3.500	4.000	4.500
1.250	1.875	2.500	3.125	5	3.750	4.375	5.000	5.625
1.500	2.250	3.000	3.750	6	4.500	5.250	6.000	6.750
1.750	2.625	3.500	4.375	7	5.250	6.125	7.000	7.875
2.000	3.000	4.000	5.000	8	6.000	7.000	8.000	9.000
2.250	3.375	4.500	5.625	9	6.750	7.875	9.000	10.125
2.500	3.750	5.000	6.250	10	7.500	8.750	10.000	11.250
2.750	4.125	5.500	6.875	11	8.250	9.625	11.000	12.375
3.000	4.500	6.000	7.500	12	9.000	10.500	12.000	13.500
3.250	4.875	6.500	8.125	13	9.750	11.375	13.000	14.625
3.500	5.250	7.000	8.750	14	10.500	12.250	14.000	15.750
3.750	5.625	7.500	9.375	15	11.250	13.125	15.000	16.875
4.000	6.000	8.000	10.000	16	12.000	14.000	16.000	18.000
4.250	6.375	8.500	10.625	17	12.750	14.875	17.000	19.125
4.500	6.750	9.000	11.250	18	13.500	15.750	18.000	20.250
4.750	7.125	9.500	11.875	19	14.250	16.625	19.000	21.375
5.000	7.500	10.000	12.500	20	15.000	17.500	20.000	22.500
5.250	7.875	10.500	13.125	21	15.750	18.375	21.000	23.625
5.500	8.250	11.000	13.750	22	16.500	19.250	22.000	24.750
5.750	8.625	11.500	14.375	23	17.250	20.125	23.000	25.875
6.000	9.000	12.000	15.000	24	18.000	21.000	24.000	27.000
6.250	9.375	12.500	15.625	25	18.750	21.875	25.000	28.125

5	5½	6	6½	Pieces	7	7½	8	8½
FEET B. M.	FEET B. M.	FEET B. M.	FEET B. M.		FEET B. M.	FEET B. M.	FEET B. M.	FEET B. M.
1.250	1.375	1.500	1.625	1	1.750	1.875	2.000	2.125
2.500	2.750	3.000	3.250	2	3.500	2.750	4.000	4.250
3.750	4.125	4.500	4.875	3	5.250	4.625	6.000	6.375
5.000	5.500	6.000	6.500	4	7.000	7.500	8.000	8.500
6.250	6.875	7.500	8.125	5	8.750	9.375	10.000	10.625
7.500	8.250	9.000	9.750	6	10.500	11.250	12.000	12.750
8.750	9.625	10.500	11.375	7	12.250	13.125	14.000	14.875
10.000	11.000	12.000	13.000	8	14.000	15.000	16.000	17.000
11.250	12.375	13.500	14.625	9	15.750	16.875	18.000	19.125
12.500	13.750	15.000	16.250	10	17.500	18.750	20.000	21.250
13.750	15.125	16.500	17.875	11	19.250	20.625	22.000	23.375
15.000	16.500	18.000	19.500	12	21.000	22.500	24.000	25.500
16.250	17.875	19.500	21.125	13	22.750	24.375	26.000	27.625
17.500	19.250	21.000	22.750	14	24.500	26.250	28.000	29.750
18.750	20.625	22.500	24.375	15	26.250	28.125	30.000	31.875
20.000	22.000	24.000	26.000	16	28.000	30.000	32.000	34.000
21.250	23.375	25.500	27.625	17	29.750	31.875	34.000	36.125
22.500	24.750	27.000	29.250	18	31.500	33.750	36.000	38.250
23.750	26.125	28.500	30.875	19	33.250	35.625	38.000	40.375
25.000	27.500	30.000	32.500	20	35.000	37.500	40.000	42.500
26.250	28.875	31.500	34.125	21	36.750	39.375	42.000	44.625
27.500	30.250	33.000	35.750	22	38.500	41.250	44.000	46.750
28.750	31.625	34.500	37.375	23	40.250	43.125	46.000	48.875
30.000	33.000	36.000	39.000	24	42.000	45.000	48.000	51.000
31.250	34.375	37.500	40.625	25	43.750	46.875	50.000	53.125

*Explanation*—Moving the decimal point one place to the right multiplies by 10, two places by 100, and three places by 1000. Use above table by applying this principle, thus: for the feet b. m. in 40 (10 x 4) pieces 6 ft. 6 in. read for four pieces, considering the decimal point one place to the right, making 65 feet; for 400 (100 x 4) pieces 656 feet, and for 4000 (1000 x 4)



**1 x 3,  
Hardwood Flooring,**

For  $1 \times 1\frac{1}{2} \div 2$

3-inch count ( $2\frac{1}{4}$ -inch face)

For  $1 \times 6, \times 2$

LENGTH, FEET				Pieces	LENGTH, FEET			
9	9½	10	10½		11	11½	12	12½
FEET B. M.					FEET B. M.			
2.250	2.375	2.500	2.625	1	2.750	2.875	3.000	3.125
4.500	4.750	5.000	5.250	2	5.500	5.750	6.000	6.250
6.750	7.125	7.500	7.875	3	8.250	8.625	9.000	9.375
9.000	9.500	10.000	10.500	4	11.000	11.500	12.000	12.500
11.250	11.875	12.500	13.125	5	13.750	14.375	15.000	15.625
13.500	14.250	15.000	15.750	6	16.500	17.250	18.000	18.750
15.750	16.625	17.500	18.375	7	19.250	20.125	21.000	21.875
18.000	19.000	20.000	21.000	8	22.000	23.000	24.000	25.000
20.250	21.375	22.500	23.625	9	24.750	25.875	27.000	28.125
22.500	23.750	25.000	26.250	10	27.500	28.750	30.000	31.250
24.750	26.125	27.500	28.875	11	30.250	31.625	33.000	34.375
27.000	28.500	30.000	31.500	12	33.000	34.500	36.000	37.500
29.250	30.875	32.500	34.125	13	35.750	37.375	39.000	40.625
31.500	33.250	35.000	36.750	14	38.500	40.250	42.000	43.750
33.750	35.625	37.500	39.375	15	41.250	43.125	45.000	46.875
36.000	38.000	40.000	42.000	16	44.000	46.000	48.000	50.000
38.250	40.375	42.500	44.625	17	46.750	48.875	51.000	53.125
40.500	42.750	45.000	47.250	18	49.500	51.750	54.000	56.250
42.750	45.125	47.500	49.875	19	52.250	54.625	57.000	59.375
45.000	47.500	50.000	52.500	20	55.000	57.500	60.000	62.500
47.250	49.875	52.500	55.125	21	57.750	60.375	63.000	65.625
49.500	52.250	55.000	57.750	22	60.500	63.250	66.000	68.750
51.750	54.625	57.500	60.375	23	63.250	66.125	69.000	71.875
54.000	57.000	60.000	63.000	24	66.000	69.000	72.000	75.000
56.250	59.375	62.500	65.625	25	68.750	71.875	75.000	78.125

13	13½	14	14½	Pieces	15	15½	16	16½
FEET B. M.					FEET B. M.			
3.250	3.375	3.500	3.625	1	3.750	3.875	4.000	4.125
6.500	6.750	7.000	7.250	2	7.500	7.750	8.000	8.250
9.750	10.125	10.500	10.875	3	11.250	11.625	12.000	12.375
13.000	13.500	14.000	14.500	4	15.000	15.500	16.000	16.500
16.250	16.875	17.500	18.125	5	18.750	19.375	20.000	20.625
19.500	20.250	21.000	21.750	6	22.500	23.250	24.000	24.750
22.750	23.625	24.500	25.375	7	26.250	27.125	28.000	28.875
26.000	27.000	28.000	29.000	8	30.000	31.000	32.000	33.000
29.250	30.375	31.500	32.625	9	33.750	34.875	36.000	37.125
32.500	33.750	35.000	36.250	10	37.500	38.750	40.000	41.250
35.750	37.125	38.500	39.875	11	41.250	42.625	44.000	45.375
39.000	40.500	42.000	43.500	12	45.000	46.500	48.000	49.500
42.250	43.875	45.500	47.125	13	48.750	50.375	52.000	53.625
45.500	47.250	49.000	50.750	14	52.500	54.250	56.000	57.750
48.750	50.625	52.500	54.375	15	56.250	58.125	60.000	61.875
52.000	54.000	56.000	58.000	16	60.000	62.000	64.000	66.000
55.250	57.375	59.500	61.625	17	63.750	65.875	68.000	70.125
58.500	60.750	63.000	65.250	18	67.500	69.750	72.000	74.250
61.750	64.125	66.500	68.875	19	71.250	73.625	76.000	78.375
65.000	67.500	70.000	72.500	20	75.000	77.500	80.000	82.500
68.250	70.875	73.500	76.125	21	78.750	81.375	84.000	86.625
71.500	74.250	77.000	79.750	22	82.500	85.250	88.000	90.750
74.750	77.625	80.500	83.375	23	86.250	89.125	92.000	94.875
78.000	81.000	84.000	87.000	24	90.000	93.000	96.000	99.000
81.250	84.375	87.500	90.625	25	93.750	96.875	100.000	103.125

pieces 6500 feet. Again for 43 pieces 6 ft. 6 in. read for 4 pieces, considering the point one place to right, or 65., and then add for the three pieces the contents given for three, or 4.875, or a total of 69.875 feet in 43 pieces, which in final results would be called 70 feet. Thus used these hardwood flooring tables will apply to any quantities.

1x3

1x4

ODD

Lath

Shg.

\$0.85

\$1.20

\$1.25

\$1.60

\$1.65

\$2.00

\$2.05

\$2.40

\$2.45

\$2.80

\$2.85

\$3.20

\$3.25

\$3.60

\$3.65

\$4.00

\$4.05

\$4.40

\$4.45

\$4.80

\$4.85

\$5.20

\$5.25

\$5.60

\$5.65

\$6.00

EST.

1 x 4,

# Hardwood Flooring.

For 1 x 2, + 2

4-inch count (3 1/4-inch face).

LENGTH, FEET				Pieces	LENGTH, FEET			
1	1 1/2	2	2 1/2		3	3 1/2	4	4 1/2
FEET B. M.	FEET B. M.	FEET B. M.	FEET B. M.		FEET B. M.	FEET B. M.	FEET B. M.	FEET B. M.
.333	.500	.667	.833	1	1.000	1.167	1.333	1.500
.667	1.000	1.333	1.667	2	2.000	2.333	2.667	3.000
1.000	1.500	2.000	2.500	3	3.000	3.500	4.000	4.500
1.333	2.000	2.667	3.333	4	4.000	4.667	5.333	6.000
1.667	2.500	3.333	4.167	5	5.000	5.833	6.667	7.500
2.000	3.000	4.000	5.000	6	6.000	7.000	8.000	9.000
2.333	3.500	4.667	5.833	7	7.000	8.167	9.333	10.500
2.667	4.000	5.333	6.667	8	8.000	9.333	10.667	12.000
3.000	4.500	6.000	7.500	9	9.000	10.500	12.000	13.500
3.333	5.000	6.667	8.333	10	10.000	11.667	13.333	15.000
3.667	5.500	7.333	9.167	11	11.000	12.833	14.667	16.500
4.000	6.000	8.000	10.000	12	12.000	14.000	16.000	18.000
4.333	6.500	8.667	10.833	13	13.000	15.167	17.333	19.500
4.667	7.000	9.333	11.667	14	14.000	16.333	18.667	21.000
5.000	7.500	10.000	12.500	15	15.000	17.500	20.000	22.500
5.333	8.000	10.667	13.333	16	16.000	18.667	21.333	24.000
5.667	8.500	11.333	14.167	17	17.000	19.833	22.667	25.500
6.000	9.000	12.000	15.000	18	18.000	21.000	24.000	27.000
6.333	9.500	12.667	15.833	19	19.000	22.167	25.333	28.500
6.667	10.000	13.333	16.667	20	20.000	23.333	26.667	30.000
7.000	10.500	14.000	17.500	21	21.000	24.500	28.000	31.500
7.333	11.000	14.667	18.333	22	22.000	25.667	29.333	33.000
7.667	11.500	15.333	19.167	23	23.000	26.833	30.667	34.500
8.000	12.000	16.000	20.000	24	24.000	28.000	32.000	36.000
8.333	12.500	16.667	20.833	25	25.000	29.167	33.333	37.500
8.667	13.000	17.333	21.667					
9.000	13.500	18.000	22.500					
9.333	14.000	18.667	23.333					
9.667	14.500	19.333	24.167					
10.000	15.000	20.000	25.000					
10.333	15.500	20.667	25.833					
10.667	16.000	21.333	26.667					
11.000	16.500	22.000	27.500					
11.333	17.000	22.667	28.333					
11.667	17.500	23.333	29.167					
12.000	18.000	24.000	30.000					
12.333	18.500	24.667	30.833					
12.667	19.000	25.333	31.667					
13.000	19.500	26.000	32.500					
13.333	20.000	26.667	33.333					
13.667	20.500	27.333	34.167					
14.000	21.000	28.000	35.000					
14.333	21.500	28.667	35.833					
14.667	22.000	29.333	36.667					
15.000	22.500	30.000	37.500					
15.333	23.000	30.667	38.333					
15.667	23.500	31.333	39.167					
16.000	24.000	32.000	40.000					
16.333	24.500	32.667	40.833					
16.667	25.000	33.333	41.667					
17.000	25.500	34.000	42.500					
17.333	26.000	34.667	43.333					
17.667	26.500	35.333	44.167					
18.000	27.000	36.000	45.000					
18.333	27.500	36.667	45.833					
18.667	28.000	37.333	46.667					
19.000	28.500	38.000	47.500					
19.333	29.000	38.667	48.333					
19.667	29.500	39.333	49.167					
20.000	30.000	40.000	50.000					
20.333	30.500	40.667	50.833					
20.667	31.000	41.333	51.667					
21.000	31.500	42.000	52.500					
21.333	32.000	42.667	53.333					
21.667	32.500	43.333	54.167					
22.000	33.000	44.000	55.000					
22.333	33.500	44.667	55.833					
22.667	34.000	45.333	56.667					
23.000	34.500	46.000	57.500					
23.333	35.000	46.667	58.333					
23.667	35.500	47.333	59.167					
24.000	36.000	48.000	60.000					
24.333	36.500	48.667	60.833					
24.667	37.000	49.333	61.667					
25.000	37.500	50.000	62.500					
25.333	38.000	50.667	63.333					
25.667	38.500	51.333	64.167					
26.000	39.000	52.000	65.000					
26.333	39.500	52.667	65.833					
26.667	40.000	53.333	66.667					
27.000	40.500	54.000	67.500					
27.333	41.000	54.667	68.333					
27.667	41.500	55.333	69.167					
28.000	42.000	56.000	70.000					
28.333	42.500	56.667	70.833					
28.667	43.000	57.333	71.667					
29.000	43.500	58.000	72.500					
29.333	44.000	58.667	73.333					
29.667	44.500	59.333	74.167					
30.000	45.000	60.000	75.000					
30.333	45.500	60.667	75.833					
30.667	46.000	61.333	76.667					
31.000	46.500	62.000	77.500					
31.333	47.000	62.667	78.333					
31.667	47.500	63.333	79.167					
32.000	48.000	64.000	80.000					
32.333	48.500	64.667	80.833					
32.667	49.000	65.333	81.667					
33.000	49.500	66.000	82.500					
33.333	50.000	66.667	83.333					
33.667	50.500	67.333	84.167					
34.000	51.000	68.000	85.000					
34.333	51.500	68.667	85.833					
34.667	52.000	69.333	86.667					
35.000	52.500	70.000	87.500					
35.333	53.000	70.667	88.333					
35.667	53.500	71.333	89.167					
36.000	54.000	72.000	90.000					
36.333	54.500	72.667	90.833					
36.667	55.000	73.333	91.667					
37.000	55.500	74.000	92.500					
37.333	56.000	74.667	93.333					
37.667	56.500	75.333	94.167					
38.000	57.000	76.000	95.000					
38.333	57.500	76.667	95.833					
38.667	58.000	77.333	96.667					
39.000	58.500	78.000	97.500					
39.333	59.000	78.667	98.333					
39.667	59.500	79.333	99.167					
40.000	60.000	80.000	100.000					
40.333	60.500	80.667	100.833					
40.667	61.000	81.333	101.667					
41.000	61.500	82.000	102.500					
41.333	62.000	82.667	103.333					
41.667	62.500	83.333	104.167					
42.000	63.000	84.000	105.000					
42.333	63.500	84.667	105.833					
42.667	64.000	85.333	106.667					
43.000	64.500	86.000	107.500					
43.333	65.000	86.667	108.333					
43.667	65.500	87.333	109.167					
44.000	66.000	88.000	110.000					
44.333	66.500	88.667	110.833					
44.667	67.000	89.333	111.667					
45.000	67.500	90.000	112.500					
45.333	68.000	90.667	113.333					
45.667	68.500	91.333	114.167					
46.000	69.000	92.000	115.000					
46.333	69.500	92.667	115.833					
46.667	70.000	93.333	116.667					
47.000	70.500	94.000	117.500					
47.333	71.000	94.667	118.333					
47.667	71.500	95.333	119.167					
48.000	72.000	96.000	120.000					
48.333	72.500	96.667	120.833					
48.667	73.000	97.333	121.667					
49.000	73.500	98.000	122.500					
49.333	74.000	98.667	123.333					
49.667	74.500	99.333	124.167					
50.000	75.000	100.000	125.000					

*Explanation*—Moving the decimal point one place to the right multiplies by 10, two places by 100, and three places by 1,000. Use above table by applying this principle, thus: for the feet b. m. in 40 (10 x 4) pieces 6 ft. 6 in. read for four pieces, considering the decimal point one place to the right, making 86.67 feet; for 400 (100 x 4) pieces 866.7 feet; and for 4000 (1000 x 4)



# Hardwood Flooring,

For 1x2, +2 4-inch count (3 1/4-inch face)

LENGTH, FEET				Pcs.	LENGTH, FEET			
9	9 1/2	10	10 1/2		11	11 1/2	12	12 1/2
FEET	FEET	B. M.			FEET	FEET	B. M.	
3.000	3.167	3.333	3.500	1	3.667	3.833	4.000	4.167
6.000	6.333	6.667	7.000	2	7.333	7.667	8.000	8.333
9.000	9.500	10.000	10.500	3	11.000	11.500	12.000	12.500
12.000	12.667	13.333	14.000	4	14.667	15.333	16.000	16.667
15.000	15.833	16.667	17.500	5	18.333	19.167	20.000	20.833
18.000	19.000	20.000	21.000	6	22.000	23.000	24.000	25.000
21.000	22.167	23.333	24.500	7	25.667	26.833	28.000	29.167
24.000	25.333	26.667	28.000	8	29.333	30.667	32.000	33.333
27.000	28.500	30.000	31.500	9	33.000	34.500	36.000	37.500
30.000	31.667	33.333	35.000	10	36.667	38.333	40.000	41.667
33.000	34.833	36.667	38.500	11	40.333	42.167	44.000	45.833
36.000	38.000	40.000	42.000	12	44.000	46.000	48.000	50.000
39.000	41.167	43.333	45.500	13	47.667	49.833	52.000	54.167
42.000	44.333	46.667	49.000	14	51.333	53.667	56.000	58.333
45.000	47.500	50.000	52.500	15	55.000	57.500	60.000	62.500
48.000	50.667	53.333	56.000	16	58.667	61.333	64.000	66.667
51.000	53.833	56.667	59.500	17	62.333	65.166	68.000	70.833
54.000	57.000	60.000	63.000	18	66.000	69.000	72.000	75.000
57.000	60.167	63.333	66.500	19	69.667	72.833	76.000	79.167
60.000	63.333	66.667	70.000	20	73.333	76.667	80.000	83.333
63.000	66.500	70.000	73.500	21	77.000	80.500	84.000	87.500
66.000	69.667	73.333	77.000	22	80.667	84.333	88.000	91.667
69.000	72.833	76.667	80.500	23	84.333	88.167	92.000	95.833
72.000	76.000	80.000	84.000	24	88.000	92.000	96.000	100.000
75.000	79.167	83.333	87.500	25	91.667	95.833	100.000	104.167
13	13 1/2	14	14 1/2	Pcs.	15	15 1/2	16	16 1/2
FEET	FEET	B. M.			FEET	FEET	B. M.	
4.333	4.500	4.667	4.833	1	5.000	5.167	5.333	5.500
8.667	9.000	9.333	9.667	2	10.000	10.333	10.667	11.000
13.000	13.500	14.000	14.500	3	15.000	15.500	16.000	16.500
17.333	18.000	18.667	19.333	4	20.000	20.667	21.333	22.000
21.667	22.500	23.333	24.167	5	25.000	25.833	26.667	27.500
26.000	27.000	28.000	29.000	6	30.000	31.000	32.000	33.000
30.333	31.500	32.667	33.833	7	35.000	36.167	37.333	38.500
34.667	36.000	37.333	38.667	8	40.000	41.333	42.667	44.000
39.000	40.500	42.000	43.500	9	45.000	46.500	48.000	49.500
43.333	45.000	46.667	48.333	10	50.000	51.667	53.333	55.000
47.667	49.500	51.333	53.167	11	55.000	56.833	58.667	60.500
52.000	54.000	56.000	58.000	12	60.000	62.000	64.000	66.000
56.333	58.500	60.667	62.833	13	65.000	67.167	69.333	71.500
60.667	63.000	65.333	67.667	14	70.000	72.333	74.667	77.000
65.000	67.500	70.000	72.500	15	75.000	77.500	80.000	82.500
69.333	72.000	74.667	77.333	16	80.000	82.667	85.333	88.000
73.667	76.500	79.333	82.167	17	85.000	87.833	90.667	93.500
78.000	81.000	84.000	87.000	18	90.000	93.000	96.000	99.000
82.333	85.500	88.667	91.833	19	95.000	98.167	101.333	104.500
86.667	90.000	93.333	96.667	20	100.000	103.333	106.667	110.000
91.000	94.500	98.000	101.500	21	105.000	108.500	112.000	115.500
95.333	99.000	102.667	106.333	22	110.000	113.667	117.333	121.000
99.667	103.500	107.333	111.167	23	115.000	118.833	122.667	126.500
104.000	108.000	112.000	116.000	24	120.000	124.000	128.000	132.000
108.333	112.500	116.667	120.833	25	125.000	129.167	133.333	137.500

pieces, 8667 feet. Again for 43 pieces 6 ft. 6 in. read for 4 pieces, considering the point one place to right, or 86.67, and then add for the three pieces the contents given for three, or 6.5, or a total of 93.17 feet in 43 pieces, which in final results would be called 93 feet. Thus used these hardwood flooring tables will apply to any quantities.

1x4

ODD

Lath

Shg.

\$0.85

\$1.20

\$1.25

\$1.60

\$1.65

\$2.00

\$2.05

\$2.40

\$2.45

\$2.80

\$2.85

\$3.20

\$3.25

\$3.60

\$3.65

\$4.00

\$4.05

\$4.40

\$4.45

\$4.80

\$4.85

\$5.20

\$5.25

\$5.60

\$5.65

\$6.00

EST.

# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES				Width in Inches	THICKNESS IN INCHES			
1	1¼	1½	1¾		2	2¼	2½	2¾
FEET B. M. TO LINEAL FOOT					FEET B. M. TO LINEAL FOOT			
.0834				1				
.1042	.1302			1¼				
.1250	.1563	.1875		1½				
.1458	.1823	.2187	.2552	1¾				
.1667	.2083	.2500	.2916	2	.3333			
.1875	.2344	.2812	.3281	2¼	.3750	.4219		
.2083	.2604	.3125	.3645	2½	.4167	.4688	.5208	
.2292	.2865	.3437	.4010	2¾	.4583	.5156	.5729	.6302
.2500	.3125	.3750	.4375	3	.5000	.5625	.6250	.6875
.2708	.3385	.4062	.4739	3¼	.5417	.6093	.6771	.7448
.2917	.3646	.4375	.5104	3½	.5833	.6562	.7292	.8021
.3125	.3906	.4687	.5468	3¾	.6250	.7031	.7812	.8594
.3333	.4167	.5000	.5833	4	.6667	.7500	.8333	.9167
.3542	.4427	.5312	.6197	4¼	.7083	.7969	.8854	.9740
.3750	.4688	.5625	.6562	4½	.7500	.8438	.9375	1.0313
.3958	.4948	.5937	.6926	4¾	.7917	.8906	.9896	1.0885
.4167	.5208	.6250	.7291	5	.8333	.9375	1.0416	1.1458
.4375	.5469	.6562	.7656	5¼	.8750	.9843	1.0937	1.2031
.4583	.5729	.6875	.8020	5½	.9167	1.0312	1.1458	1.2604
.4792	.5990	.7187	.8385	5¾	.9583	1.0781	1.1979	1.3177
.5000	.6250	.7500	.8750	6	1.0000	1.1250	1.2500	1.3750
.5208	.6510	.7812	.9115	6¼	1.0417	1.1719	1.3021	1.4323
.5417	.6771	.8125	.9479	6½	1.0833	1.2188	1.3541	1.4896
.5625	.7031	.8437	.9843	6¾	1.1250	1.2656	1.4062	1.5469
.5833	.7292	.8750	1.0208	7	1.1667	1.3125	1.4583	1.6041
.6042	.7552	.9062	1.0573	7¼	1.2083	1.3593	1.5104	1.6614
.6250	.7813	.9375	1.0937	7½	1.2500	1.4062	1.5625	1.7187

THICKNESS IN INCHES				Width in Inches	THICKNESS IN INCHES			
1	1¼	1½	1¾		2	2¼	2½	2¾
FEET B. M. TO LINEAL FOOT					FEET B. M. TO LINEAL FOOT			
.6458	.8073	.9687	1.1302	7¾	1.2917	1.4531	1.6146	1.7760
.6667	.8333	1.0000	1.1666	8	1.3333	1.5000	1.6666	1.8333
.6875	.8594	1.0312	1.2031	8¼	1.3750	1.5469	1.7187	1.8906
.7083	.8854	1.0625	1.2395	8½	1.4167	1.5938	1.7708	1.9479
.7292	.9115	1.0937	1.2760	8¾	1.4583	1.6406	1.8229	2.0052
.7500	.9375	1.1250	1.3125	9	1.5000	1.6875	1.8750	2.0625
.7708	.9635	1.1562	1.3489	9¼	1.5417	1.7343	1.9271	2.1198
.7917	.9896	1.1875	1.3853	9½	1.5833	1.7812	1.9792	2.1771
.8125	1.0156	1.2187	1.4218	9¾	1.6250	1.8281	2.0312	2.2344
.8333	1.0417	1.2500	1.4583	10	1.6667	1.8750	2.0833	2.2916
.8542	1.0677	1.2812	1.4947	10¼	1.7083	1.9219	2.1354	2.3490
.8750	1.0938	1.3125	1.5312	10½	1.7500	1.9688	2.1875	2.4062
.8958	1.1198	1.3437	1.5676	10¾	1.7917	2.0156	2.2396	2.4635
.9167	1.1458	1.3750	1.6041	11	1.8333	2.0625	2.2916	2.5208
.9375	1.1719	1.4062	1.6405	11¼	1.8750	2.1093	2.3437	2.5781
.9583	1.1979	1.4375	1.6770	11½	1.9167	2.1562	2.3958	2.6354
.9792	1.2240	1.4687	1.7135	11¾	1.9583	2.2031	2.4479	2.6927
1.0000	1.2500	1.5000	1.7500	12	2.0000	2.2500	2.5000	2.7500
1.0208	1.2760	1.5312	1.7864	12¼	2.0417	2.2969	2.5521	2.8073
1.0417	1.3021	1.5625	1.8230	12½	2.0833	2.3438	2.6041	2.8646
1.0625	1.3281	1.5937	1.8594	12¾	2.1250	2.3906	2.6562	2.9219
1.0833	1.3542	1.6250	1.8958	13	2.1667	2.4375	2.7083	2.9791
1.1042	1.3802	1.6562	1.9323	13¼	2.2083	2.4843	2.7604	3.0364
1.1250	1.4063	1.6875	1.9687	13½	2.2500	2.5312	2.8125	3.0937
1.1458	1.4323	1.7187	2.0052	13¾	2.2917	2.5781	2.8646	3.1510
1.1667	1.4583	1.7500	2.0416	14	2.3333	2.6250	2.9166	3.2083
1.1875	1.4844	1.7812	2.0781	14¼	2.3750	2.6719	2.9687	3.2656



# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES				Width in Inches	THICKNESS IN INCHES			
1	1¼	1½	1¾		2	2¼	2½	2¾
FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT		FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT
1.2083	1.5104	1.8125	2.1146	14½	2.4167	2.7188	3.0208	3.3229
1.2292	1.5365	1.8437	2.1510	14¾	2.4583	2.7656	3.0729	3.3802
1.2500	1.5625	1.8750	2.1875	15	2.5000	2.8125	3.1250	3.4375
1.2708	1.5885	1.9062	2.2239	15½	2.5417	2.8694	3.1771	3.4948
1.2917	1.6146	1.9375	2.2603	15¾	2.5833	2.9162	3.2292	3.5521
1.3125	1.6406	1.9687	2.2968	16	2.6250	2.9631	3.2812	3.6094
1.3333	1.6667	2.0000	2.3333	16½	2.6667	3.0000	3.3333	3.6667
1.3542	1.6927	2.0312	2.3697	16¾	2.7083	3.0469	3.3854	3.7340
1.3750	1.7188	2.0625	2.4062	17	2.7500	3.0938	3.4375	3.7913
1.3958	1.7448	2.0937	2.4426	17½	2.7917	3.1406	3.4896	3.8485
1.4167	1.7708	2.1250	2.4792	17¾	2.8333	3.1875	3.5417	3.9058
1.4375	1.7969	2.1562	2.5156	18	2.8750	3.2344	3.5937	3.9581
1.4583	1.8229	2.1875	2.5520	18½	2.9167	3.2813	3.6458	4.0104
1.4792	1.8490	2.2187	2.5885	18¾	2.9583	3.3281	3.6979	4.0677
1.5000	1.8750	2.2500	2.6250	19	3.0000	3.3750	3.7500	4.1250
1.5208	1.9010	2.2812	2.6615	19½	3.0417	3.4219	3.8021	4.1823
1.5417	1.9271	2.3125	2.6979	19¾	3.0833	3.4688	3.8542	4.2396
1.5625	1.9531	2.3437	2.7344	20	3.1250	3.5156	3.9062	4.2969
1.5833	1.9792	2.3750	2.7708	20½	3.1667	3.5625	3.9583	4.3542
1.6042	2.0052	2.4062	2.8073	20¾	3.2083	3.6094	4.0104	4.4115
1.6250	2.0313	2.4375	2.8437	21	3.2500	3.6563	4.0625	4.4688
1.6458	2.0573	2.4687	2.8802	21½	3.2917	3.7031	4.1146	4.5260
1.6667	2.0833	2.5000	2.9167	21¾	3.3333	3.7500	4.1667	4.5833
1.6875	2.1094	2.5312	2.9531	22	3.3750	3.7969	4.2187	4.6406
1.7083	2.1354	2.5625	2.9896	22½	3.4167	3.8438	4.2708	4.6979
1.7292	2.1615	2.5937	3.0260	22¾	3.4583	3.8906	4.3229	4.7552
1.7500	2.1875	2.6250	3.0625	23	3.5000	3.9375	4.3750	4.8125

THICKNESS IN INCHES				Width in Inches	THICKNESS IN INCHES			
1	1¼	1½	1¾		2	2¼	2½	2¾
FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT		FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT	FEET B. M. TO LINEAL FOOT
1.7708	2.2135	2.6562	3.0990	21½	3.5417	3.9844	4.4271	4.8698
1.7917	2.2396	2.6875	3.1354	21¾	3.5833	4.0313	4.4792	4.9271
1.8125	2.2656	2.7187	3.1719	22	3.6250	4.0781	4.5312	4.9844
1.8333	2.2917	2.7500	3.2083	22½	3.6667	4.1250	4.5833	5.0417
1.8542	2.3177	2.7812	3.2448	22¾	3.7083	4.1719	4.6354	5.0990
1.8750	2.3438	2.8125	3.2813	23	3.7500	4.2188	4.6875	5.1563
1.8958	2.3698	2.8437	3.3177	23½	3.7917	4.2656	4.7396	5.2136
1.9167	2.3958	2.8750	3.3542	23¾	3.8333	4.3125	4.7917	5.2708
1.9375	2.4219	2.9062	3.3906	24	3.8750	4.3594	4.8437	5.3281
1.9583	2.4479	2.9375	3.4271	24½	3.9167	4.4063	4.8958	5.3854
1.9792	2.4740	2.9687	3.4635	24¾	3.9583	4.4531	4.9479	5.4427
2.0000	2.5000	3.0000	3.5000	25	4.0000	4.5000	5.0000	5.5000
2.0208	2.5260	3.0312	3.5365	25½	4.0417	4.5469	5.0521	5.5573
2.0417	2.5521	3.0625	3.5729	25¾	4.0833	4.5938	5.1042	5.6146
2.0625	2.5781	3.0937	3.6094	26	4.1250	4.6406	5.1562	5.6719
2.0833	2.6042	3.1250	3.6458	26½	4.1667	4.6875	5.2083	5.7292
2.1042	2.6302	3.1562	3.6823	26¾	4.2083	4.7344	5.2604	5.7865
2.1250	2.6563	3.1875	3.7188	27	4.2500	4.7813	5.3125	5.8438
2.1458	2.6823	3.2187	3.7552	27½	4.2917	4.8281	5.3646	5.9010
2.1667	2.7083	3.2500	3.7917	27¾	4.3333	4.8750	5.4167	5.9583
2.1875	2.7344	3.2812	3.8281	28	4.3750	4.9219	5.4687	6.0156
2.2083	2.7604	3.3125	3.8646	28½	4.4167	4.9688	5.5208	6.0729
2.2292	2.7865	3.3437	3.9010	28¾	4.4583	5.0156	5.5729	6.1302
2.2500	2.8125	3.3750	3.9375	29	4.5000	5.0625	5.6250	6.1875
2.2708	2.8385	3.4062	3.9740	29½	4.5417	5.1094	5.6771	6.2448
2.2917	2.8646	3.4375	4.0104	29¾	4.5833	5.1563	5.7292	6.3021
2.3125	2.8906	3.4687	4.0469	30	4.6250	5.2031	5.7812	6.3594

ODD

Lath

Shg.

\$0.85

\$1.20

\$1.25

\$1.60

\$1.65

\$2.00

\$2.05

\$2.40

\$2.45

\$2.80

\$2.85

\$3.20

\$3.25

\$3.60

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\$4.00

\$4.05

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\$4.85

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\$5.25

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\$6.00

\$6.05

\$6.40

\$6.45

\$6.80

\$6.85

\$7.20

\$7.25

\$7.60

\$7.65

\$8.00

\$8.05

\$8.40

\$8.45

\$8.80

\$8.85

\$9.20

\$9.25

\$9.60

\$9.65

\$10.00

# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES					THICKNESS IN INCHES				
3	3 1/4	3 1/2	3 3/4	Width in Inches	4	4 1/4	4 1/2	4 3/4	
— FEET B. M. TO LINEAL FOOT —					— FEET B. M. TO LINEAL FOOT —				
.7500				3					
.8125	.8802			3 1/4					
.8750	.9479	1.0208		3 1/2					
.9375	1.0156	1.0937	1.1719	3 3/4					
1.0000	1.0833	1.1667	1.2500	4	1.3333				
1.0625	1.1510	1.2396	1.3281	4 1/4	1.4167	1.5052			
1.1250	1.2187	1.3125	1.4062	4 1/2	1.5000	1.5937	1.6875		
1.1875	1.2864	1.3854	1.4844	4 3/4	1.5833	1.6823	1.7812	1.8802	
1.2500	1.3541	1.4583	1.5625	5	1.6667	1.7708	1.8750	1.9792	
1.3125	1.4219	1.5312	1.6406	5 1/4	1.7500	1.8594	1.9687	2.0781	
1.3750	1.4896	1.6042	1.7187	5 1/2	1.8333	1.9479	2.0625	2.1771	
1.4375	1.5573	1.6771	1.7969	5 3/4	1.9167	2.0364	2.1563	2.2760	
1.5000	1.6250	1.7500	1.8750	6	2.0000	2.1250	2.2500	2.3750	
1.5625	1.6927	1.8230	1.9531	6 1/4	2.0833	2.2135	2.3437	2.4739	
1.6250	1.7604	1.8958	2.0312	6 1/2	2.1667	2.3021	2.4375	2.5729	
1.6875	1.8281	1.9687	2.1094	6 3/4	2.2500	2.3906	2.5313	2.6719	
1.7500	1.8958	2.0417	2.1875	7	2.3333	2.4792	2.6250	2.7708	
1.8125	1.9635	2.1146	2.2656	7 1/4	2.4167	2.5677	2.7187	2.8698	
1.8750	2.0312	2.1875	2.3437	7 1/2	2.5000	2.6562	2.8125	2.9688	
1.9375	2.0989	2.2604	2.4219	7 3/4	2.5833	2.7448	2.9063	3.0677	
2.0000	2.1666	2.3333	2.5000	8	2.6667	2.8333	3.0000	3.1667	
2.0625	2.2344	2.4062	2.5781	8 1/4	2.7500	2.9219	3.0937	3.2656	
2.1250	2.3021	2.4792	2.6562	8 1/2	2.8333	3.0104	3.1875	3.3646	
2.1875	2.3698	2.5521	2.7344	8 3/4	2.9167	3.0989	3.2813	3.4635	
2.2500	2.4375	2.6250	2.8125	9	3.0000	3.1875	3.3750	3.5625	
2.3125	2.5052	2.6979	2.8906	9 1/4	3.0833	3.2760	3.4687	3.6614	
2.3750	2.5729	2.7708	2.9687	9 1/2	3.1667	3.3646	3.5625	3.7604	

THICKNESS IN INCHES					THICKNESS IN INCHES				
3	3 1/4	3 1/2	3 3/4	Width in Inches	4	4 1/4	4 1/2	4 3/4	
— FEET B. M. TO LINEAL FOOT —					— FEET B. M. TO LINEAL FOOT —				
2.4375	2.6406	2.8437	3.0469	9 3/4	3.2500	3.4531	3.6563	3.8594	
2.5000	2.7083	2.9167	3.1250	10	3.3333	3.5417	3.7500	3.9583	
2.5625	2.7760	2.9896	3.2031	10 1/4	3.4167	3.6302	3.8437	4.0573	
2.6250	2.8437	3.0625	3.2812	10 1/2	3.5000	3.7187	3.9375	4.1562	
2.6875	2.9114	3.1354	3.3594	10 3/4	3.5833	3.8073	4.0313	4.2552	
2.7500	2.9791	3.2083	3.4375	11	3.6667	3.8958	4.1250	4.3542	
2.8125	3.0469	3.2812	3.5156	11 1/4	3.7500	3.9844	4.2187	4.4531	
2.8750	3.1146	3.3542	3.5937	11 1/2	3.8333	4.0729	4.3125	4.5521	
2.9375	3.1823	3.4271	3.6719	11 3/4	3.9167	4.1614	4.4063	4.6510	
3.0000	3.2500	3.5000	3.7500	12	4.0000	4.2500	4.5000	4.7500	
3.0625	3.3177	3.5729	3.8281	12 1/4	4.0833	4.3385	4.5937	4.8490	
3.1250	3.3854	3.6458	3.9062	12 1/2	4.1667	4.4271	4.6875	4.9479	
3.1875	3.4531	3.7187	3.9844	12 3/4	4.2500	4.5156	4.7813	5.0469	
3.2500	3.5208	3.7917	4.0625	13	4.3333	4.6042	4.8750	5.1458	
3.3125	3.5885	3.8646	4.1406	13 1/4	4.4167	4.6927	4.9687	5.2448	
3.3750	3.6562	3.9375	4.2187	13 1/2	4.5000	4.7812	5.0625	5.3437	
3.4375	3.7240	4.0104	4.2969	13 3/4	4.5833	4.8698	5.1563	5.4427	
3.5000	3.7916	4.0833	4.3750	14	4.6667	4.9583	5.2500	5.5417	
3.5625	3.8594	4.1562	4.4531	14 1/4	4.7500	5.0469	5.3437	5.6406	
3.6250	3.9271	4.2292	4.5312	14 1/2	4.8333	5.1354	5.4375	5.7396	
3.6875	3.9948	4.3021	4.6094	14 3/4	4.9167	5.2239	5.5313	5.8385	
3.7500	4.0625	4.3750	4.6875	15	5.0000	5.3125	5.6250	5.9375	
3.8125	4.1302	4.4479	4.7656	15 1/4	5.0833	5.4010	5.7187	6.0364	
3.8750	4.1979	4.5208	4.8437	15 1/2	5.1667	5.4896	5.8125	6.1354	
3.9375	4.2656	4.5937	4.9219	15 3/4	5.2500	5.5781	5.9063	6.2344	
4.0000	4.3333	4.6667	5.0000	16	5.3333	5.6667	6.0000	6.3333	
4.0625	4.4010	4.7396	5.0781	16 1/4	5.4167	5.7552	6.0937	6.4323	



# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES				Width in Inches	THICKNESS IN INCHES			
5	5½	5¾	5⅝		6	6¼	6½	6¾
— FEET B. M. TO LINEAL FOOT —					— FEET B. M. TO LINEAL FOOT —			
2.0833				5				
2.1875	2.2969			5½				
2.2917	2.4062	2.5208		5¾				
2.3958	2.5156	2.6354	2.7552	5⅝				
2.5000	2.6250	2.7500	2.8750	6	3.0000			
2.6042	2.7344	2.8646	2.9949	6¼	3.1250	3.2552		
2.7083	2.8437	2.9792	3.1146	6½	3.2500	3.3854	3.5208	
2.8125	2.9531	3.0937	3.2344	6¾	3.3750	3.5156	3.6562	3.7969
2.9167	3.0625	3.2083	3.3542	7	3.5000	3.6458	3.7917	3.9375
3.0208	3.1719	3.3229	3.4739	7¼	3.6250	3.7760	3.9271	4.0781
3.1250	3.2812	3.4375	3.5937	7½	3.7500	3.9062	4.0625	4.2187
3.2291	3.3906	3.5521	3.7135	7¾	3.8750	4.0364	4.1979	4.3594
3.3333	3.5000	3.6667	3.8233	8	4.0000	4.1667	4.3333	4.5000
3.4375	3.6094	3.7812	3.9531	8¼	4.1250	4.2969	4.4687	4.6406
3.5417	3.7187	3.8958	4.0729	8½	4.2500	4.4271	4.6042	4.7812
3.6458	3.8281	4.0104	4.1927	8¾	4.3750	4.5573	4.7396	4.9219
3.7500	3.9375	4.1250	4.3125	9	4.5000	4.6875	4.8750	5.0625
3.8542	4.0469	4.2396	4.4323	9¼	4.6250	4.8177	5.0104	5.2031
3.9583	4.1562	4.3542	4.5521	9½	4.7500	4.9479	5.1458	5.3437
4.0625	4.2656	4.4687	4.6719	9¾	4.8750	5.0781	5.2812	5.4844
4.1667	4.3750	4.5833	4.7917	10	5.0000	5.2083	5.4167	5.6250
4.2708	4.4844	4.6979	4.9114	10¼	5.1250	5.3385	5.5521	5.7656
4.3750	4.5937	4.8125	5.0312	10½	5.2500	5.4688	5.6875	5.9062
4.4792	4.7031	4.9271	5.1510	10¾	5.3750	5.5990	5.8229	6.0469
4.5833	4.8125	5.0417	5.2708	11	5.5000	5.7292	5.9583	6.1875
4.6875	4.9219	5.1562	5.3906	11¼	5.6250	5.8594	6.0937	6.3281
4.7917	5.0312	5.2708	5.5104	11½	5.7500	5.9896	6.2292	6.4687

THICKNESS IN INCHES				Width in Inches	THICKNESS IN INCHES			
5	5½	5¾	5⅝		6	6¼	6½	6¾
— FEET B. M. TO LINEAL FOOT —					— FEET B. M. TO LINEAL FOOT —			
4.8958	5.1406	5.3854	5.6302	11¾	5.8750	6.1198	6.3646	6.6094
5.0000	5.2500	5.5000	5.7500	12	6.0000	6.2500	6.5000	6.7500
5.1042	5.3594	5.6146	5.8698	12¼	6.1250	6.3802	6.6354	6.8906
5.2083	5.4687	5.7296	5.9896	12½	6.2500	6.5104	6.7708	7.0312
5.3125	5.5781	5.8437	6.1094	12¾	6.3750	6.6406	6.9062	7.1719
5.4167	5.6875	5.9583	6.2292	13	6.5000	6.7708	7.0417	7.3125
5.5208	5.7969	6.0729	6.3490	13¼	6.6250	6.9010	7.1971	7.4531
5.6250	5.9062	6.1875	6.4687	13½	6.7500	7.0312	7.3125	7.5937
5.7292	6.0156	6.3021	6.5885	13¾	6.8750	7.1614	7.4479	7.7344
5.8333	6.1250	6.4167	6.7083	14	7.0000	7.2917	7.5833	7.8750
5.9375	6.2344	6.5312	6.8281	14¼	7.1250	7.4219	7.7187	8.0156
6.0417	6.3437	6.6458	6.9479	14½	7.2500	7.5521	7.8542	8.1562
6.1458	6.4530	6.7604	7.0677	14¾	7.3750	7.6823	7.9896	8.2969
6.2500	6.5625	6.8750	7.1875	15	7.5000	7.8125	8.1250	8.4375
6.3542	6.6719	6.9896	7.3073	15¼	7.6250	7.9427	8.2604	8.5781
6.4585	6.7812	7.1042	7.4271	15½	7.7500	8.0729	8.3958	8.7187
6.5625	6.8906	7.2187	7.5469	15¾	7.8750	8.2031	8.5312	8.8594
6.6667	7.0000	7.3333	7.6666	16	8.0000	8.3333	8.6667	9.0000
6.7708	7.1094	7.4479	7.7864	16¼	8.1250	8.4635	8.8021	9.1406
6.8750	7.2187	7.5625	7.9062	16½	8.2500	8.5938	8.9375	9.2813
6.9792	7.3281	7.6771	8.0260	16¾	8.3750	8.7240	9.0729	9.4219
7.0833	7.4375	7.7917	8.1458	17	8.5000	8.8542	9.2083	9.5625
7.1875	7.5469	7.9062	8.2656	17¼	8.6250	8.9844	9.3437	9.7031
7.2917	7.6562	8.0208	8.3854	17½	8.7500	9.1146	9.4792	9.8438
7.3958	7.7656	8.1354	8.5052	17¾	8.8750	9.2448	9.6146	9.9844
7.5000	7.8750	8.2500	8.6250	18	9.0000	9.3750	9.7500	10.1250
7.6042	7.9844	8.3646	8.7448	18¼	9.1250	9.5052	9.8854	10.2656

\* For explanation see page 311.

Lath  
Shg.  
\$0.85  
\$1.20  
\$1.25  
\$1.60  
\$1.65  
\$2.00  
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\$4.80  
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\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00

EST.

# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES				Width Inches	THICKNESS IN INCHES			
7	7 $\frac{1}{4}$	7 $\frac{1}{2}$	7 $\frac{3}{4}$		8	8 $\frac{1}{4}$	8 $\frac{1}{2}$	8 $\frac{3}{4}$
FEET B. M. TO LINEAL FOOT					FEET B. M. TO LINEAL FOOT			
4.0833				7				
4.2292	4.3802			7 $\frac{1}{4}$				
4.3750	4.5312	4.6875		7 $\frac{1}{2}$				
4.5208	4.6823	4.8437	5.0052	7 $\frac{3}{4}$				
4.6667	4.8333	5.0000	5.1667	8	5.3332			
4.8125	4.9844	5.1562	5.3281	8 $\frac{1}{4}$	5.5000	5.6719		
4.9583	5.1354	5.3125	5.4896	8 $\frac{1}{2}$	5.6667	5.8437	6.0208	
5.1042	5.2865	5.4688	5.6510	8 $\frac{3}{4}$	5.8333	6.0156	6.1979	6.3802
5.2500	5.4375	5.6250	5.8125	9	6.0000	6.1875	6.3750	6.5625
5.3958	5.5885	5.7812	5.9740	9 $\frac{1}{4}$	6.1667	6.3594	6.5521	6.7448
5.5417	5.7396	5.9375	6.1354	9 $\frac{1}{2}$	6.3333	6.5312	6.7292	6.9271
5.6875	5.8906	6.0938	6.2969	9 $\frac{3}{4}$	6.5000	6.7031	6.9062	7.1094
5.8333	6.0417	6.2500	6.4583	10	6.6667	6.8750	7.0833	7.2917
5.9792	6.1927	6.4062	6.6198	10 $\frac{1}{4}$	6.8333	7.0469	7.2604	7.4740
6.1250	6.3438	6.5625	6.7812	10 $\frac{1}{2}$	7.0000	7.2187	7.4375	7.6562
6.2708	6.4948	6.7188	6.9427	10 $\frac{3}{4}$	7.1667	7.3906	7.6146	7.8385
6.4167	6.6458	6.8750	7.1042	11	7.3333	7.5625	7.7917	8.0208
6.5625	6.7969	7.0312	7.2656	11 $\frac{1}{4}$	7.5000	7.7344	7.9688	8.2031
6.7083	6.9479	7.1875	7.4271	11 $\frac{1}{2}$	7.6667	7.9062	8.1458	8.3854
6.8542	7.0990	7.3438	7.5885	11 $\frac{3}{4}$	7.8333	8.0781	8.3229	8.5677
7.0000	7.2500	7.5000	7.7500	12	8.0000	8.2500	8.5000	8.7500
7.1458	7.4010	7.6562	7.9114	12 $\frac{1}{4}$	8.1667	8.4219	8.6771	8.9323
7.2917	7.5521	7.8125	8.0729	12 $\frac{1}{2}$	8.3333	8.5937	8.8542	9.1146
7.4375	7.7031	7.9688	8.2344	12 $\frac{3}{4}$	8.5000	8.7656	9.0312	9.2969
7.5833	7.8542	8.1250	8.3958	13	8.6667	8.9375	9.2083	9.4792
7.7292	8.0052	8.2812	8.5573	13 $\frac{1}{4}$	8.8333	9.1094	9.3854	9.6615
7.8750	8.1562	8.4375	8.7187	13 $\frac{1}{2}$	9.0000	9.2812	9.5625	9.8437

THICKNESS IN INCHES				Width Inches	THICKNESS IN INCHES			
7	7 $\frac{1}{4}$	7 $\frac{1}{2}$	7 $\frac{3}{4}$		8	8 $\frac{1}{4}$	8 $\frac{1}{2}$	8 $\frac{3}{4}$
FEET B. M. TO LINEAL FOOT					FEET B. M. TO LINEAL FOOT			
8.0208	8.3073	8.5938	8.8802	13 $\frac{3}{4}$	9.1667	9.4531	9.7396	10.0260
8.1667	8.4583	8.7500	9.0417	14	9.3333	9.6250	9.9167	10.2083
8.3125	8.6094	8.9062	9.2031	14 $\frac{1}{4}$	9.5000	9.7969	10.0937	10.3906
8.4583	8.7604	9.0625	9.3646	14 $\frac{1}{2}$	9.6667	9.9687	10.2708	10.5729
8.6042	8.9115	9.2188	9.5260	14 $\frac{3}{4}$	9.8333	10.1406	10.4479	10.7552
8.7500	9.0625	9.3750	9.6875	15	10.0000	10.3125	10.6250	10.9375
8.8958	9.2135	9.5312	9.8490	15 $\frac{1}{4}$	10.1667	10.4844	10.8021	11.1198
9.0417	9.3646	9.6875	10.0104	15 $\frac{1}{2}$	10.3333	10.6562	10.9792	11.3021
9.1875	9.5156	9.8438	10.1719	15 $\frac{3}{4}$	10.5000	10.8281	11.1562	11.4844
9.3333	9.6666	10.0000	10.3333	16	10.6667	11.0000	11.3333	11.6667
9.4792	9.8177	10.1562	10.4948	16 $\frac{1}{4}$	10.8333	11.1719	11.5104	11.8490
9.6250	9.9688	10.3125	10.6563	16 $\frac{1}{2}$	11.0000	11.3437	11.6875	12.0312
9.7708	10.1198	10.4688	10.8177	16 $\frac{3}{4}$	11.1667	11.5156	11.8646	12.2135
9.9167	10.2708	10.6250	10.9792	17	11.3333	11.6875	12.0417	12.3958
10.0625	10.4219	10.7812	11.1406	17 $\frac{1}{4}$	11.5000	11.8594	12.2188	12.5781
10.2083	10.5729	10.9375	11.3021	17 $\frac{1}{2}$	11.6667	12.0312	12.3958	12.7604
10.3542	10.7240	11.0938	11.4635	17 $\frac{3}{4}$	11.8333	12.2031	12.5729	12.9427
10.5000	10.8750	11.2500	11.6250	18	12.0000	12.3750	12.7500	13.1250
10.6458	11.0260	11.4062	11.7865	18 $\frac{1}{4}$	12.1667	12.5469	12.9271	13.3073
10.7917	11.1771	11.5625	11.9479	18 $\frac{1}{2}$	12.3333	12.7187	13.1042	13.4896
10.9375	11.3281	11.7188	12.1094	18 $\frac{3}{4}$	12.5000	12.8906	13.2812	13.6719
11.0833	11.4792	11.8750	12.2708	19	12.6667	13.0625	13.4583	13.8542
11.2292	11.6302	12.0312	12.4323	19 $\frac{1}{4}$	12.8333	13.2344	13.6354	14.0365
11.3750	11.7813	12.1875	12.5938	19 $\frac{1}{2}$	13.0000	13.4062	13.8125	14.2187
11.5208	11.9323	12.3438	12.7552	19 $\frac{3}{4}$	13.1667	13.5781	13.9896	14.4010
11.6667	12.0833	12.5000	12.9167	20	13.3333	13.7500	14.1667	14.5833

\* For explanation see page 341.



# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES			
9	9¼	9½	9¾
FEET B. M. TO LINEAL FOOT			
6.7500			
6.9375	7.1302		
7.1250	7.3229	7.5208	
7.3125	7.5156	7.7187	7.9219
7.5000	7.7083	7.9167	8.1250
7.6875	7.9010	8.1146	8.3281
7.8750	8.0937	8.3125	8.5312
8.0625	8.2865	8.5104	8.7344
8.2500	8.4792	8.7083	8.9375
8.4375	8.6719	8.9062	9.1406
8.6250	8.8646	9.1042	9.3438
8.8125	9.0573	9.3021	9.5469
9.0000	9.2500	9.5000	9.7500
9.1875	9.4427	9.6979	9.9531
9.3750	9.6354	9.8958	10.1562
9.5625	9.8281	10.0937	10.3594
9.7500	10.0208	10.2917	10.5625
9.9375	10.2135	10.4896	10.7656
10.1250	10.4062	10.6875	10.9687
10.3125	10.5990	10.8854	11.1719
10.5000	10.7917	11.0833	11.3750
10.6875	10.9844	11.2812	11.5781
10.8750	11.1771	11.4792	11.7812
11.0625	11.3698	11.6771	11.9844
11.2500	11.5625	11.8750	12.1875

THICKNESS IN INCHES			
10	10¼	10½	10¾
FEET B. M. TO LINEAL FOOT			
8.3333			
8.5417	8.7552		
8.7500	8.9688	9.1875	
8.9583	9.1823	9.4062	9.6302
9.1667	9.3958	9.6250	9.8542
9.3750	9.6094	9.8438	10.0781
9.5833	9.8229	10.0625	10.3021
9.7917	10.0365	10.2812	10.5260
10.0000	10.2500	10.5000	10.7500
10.2083	10.4635	10.7188	10.9740
10.4167	10.6771	10.9375	11.1979
10.6250	10.8906	11.1562	11.4219
10.8333	11.1042	11.3750	11.6458
11.0417	11.3177	11.5938	11.8698
11.2500	11.5312	11.8122	12.0937
11.4583	11.7448	12.0315	12.3177
11.6667	11.9583	12.2500	12.5417
11.8750	12.1719	12.4688	12.7656
12.0833	12.3854	12.6875	12.9896
12.2917	12.5990	12.9062	13.2135
12.5000	12.8125	13.1250	13.4375

THICKNESS IN INCHES			
11	11¼	11½	11¾
FEET B. M. TO LINEAL FOOT			
10.0833			
10.3125	10.5469		
10.5417	10.7812	11.0208	
10.7708	11.0156	11.2604	11.5052
11.0000	11.2500	11.5000	11.7500
11.2292	11.4844	11.7396	11.9948
11.4583	11.7188	11.9792	12.2396
11.6875	11.9531	12.2188	12.4844
11.9167	12.1875	12.4583	12.7292
12.1458	12.4219	12.6979	12.9740
12.3750	12.6562	12.9375	13.2187
12.6042	12.8906	13.1771	13.4635
12.8333	13.1250	13.4167	13.7083
13.0625	13.3594	13.6562	13.9531
13.2917	13.5938	13.8958	14.1979
13.5208	13.8281	14.1354	14.4427
13.7500	14.0625	14.3750	14.6875
13.9792	14.2969	14.6146	14.9323
14.2083	14.5312	14.8542	15.1771
14.4375	14.7656	15.0938	15.4219
14.6667	15.0000	15.3333	15.6667
14.8958	15.2344	15.5729	15.9115
15.1250	15.4688	15.8125	16.1562
15.3542	15.7031	16.0521	16.4010
15.5833	15.9375	16.2917	16.6458

THICKNESS IN INCHES			
12	12¼	12½	12¾
FEET B. M. TO LINEAL FOOT			
12.0000			
12.2500	12.5052		
12.5000	12.7604	13.0208	
12.7500	13.0156	13.2812	13.5469
13.0000	13.2708	13.5417	13.8125
13.2500	13.5260	13.8021	14.0781
13.5000	13.7812	14.0625	14.3438
13.7500	14.0365	14.3229	14.6094
14.0000	14.2917	14.5833	14.8750
14.2500	14.5469	14.8438	15.1406
14.5000	14.8021	15.1042	15.4062
14.7500	15.0573	15.3646	15.6719
15.0000	15.3125	15.6250	15.9375
15.2500	15.5677	15.8854	16.2031
15.5000	15.8229	16.1458	16.4688
15.7500	16.0781	16.4062	16.7344
16.0000	16.3333	16.6667	17.0000
16.2500	16.5885	16.9271	17.2656
16.5000	16.8437	17.1875	17.5312
16.7500	17.0990	17.4479	17.7969
17.0000	17.3542	17.7083	18.0625

## Explanation.

Multiply the "Feet B. M. to Lineal Foot" by the total lineal feet, thus:

12 pieces  $11\frac{3}{4} \times 14\frac{1}{2}$ , 8' 6" = 102 lineal feet.

20 pieces  $11\frac{3}{4} \times 14\frac{1}{2}$ , 4' 3" = 85 lineal feet.

2 pieces  $11\frac{3}{4} \times 14\frac{1}{2}$ , 6' 0" = 13 lineal feet.

— 200 total lineal feet.

The table shows this size to run 14.1979 feet B. M. to the lineal foot;  $200 \times 14.1979 = 2839.58$  feet B. M. in the 200 lineal feet of  $11\frac{3}{4} \times 14\frac{1}{2}$ .

Lath Shg.  
\$0.85  
\$1.20  
\$1.25  
\$1.60  
\$1.65  
\$2.00  
\$2.05  
\$2.40  
\$2.45  
\$2.80  
\$2.85  
\$3.20  
\$3.25  
\$3.60  
\$3.65  
\$4.00  
\$4.05  
\$4.40  
\$4.45  
\$4.80  
\$4.85  
\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00  
EST.

# Odd Sizes from 1 inch by 1 inch up.

THICKNESS IN INCHES					Width in Inches	THICKNESS IN INCHES			
13	14	15	16			17	18	19	20
FEET B. M. TO LINEAL FOOT						FEET B. M. TO LINEAL FOOT			
14.0833					13				
15.1667	16.3333				14				
16.2500	17.5000	18.7500			15				
17.3333	18.6667	20.0000	21.3333		16				
18.4167	19.8333	21.2500	22.6667		17	24.0833			
19.5000	21.0000	22.5000	24.0000		18	25.5000	27.0000		
20.5833	22.1667	23.7500	25.3333		19	26.9167	28.5000	30.0833	
21.6667	23.3333	25.0000	26.6667		20	28.3333	30.0000	31.6667	33.3333
22.7500	24.5000	26.2500	28.0000		21	29.7500	31.5000	33.2500	35.0000
23.8333	25.6667	27.5000	29.3333		22	31.1667	33.0000	34.8333	36.6667
26.0000	28.0000	30.0000	32.0000		24	34.0000	36.0000	38.0000	40.0000
28.1667	30.3333	32.5000	34.6667		26	36.8333	39.0000	41.1667	43.3333
30.3333	32.6667	35.0000	37.3333		28	39.6667	42.0000	44.3333	46.6667
32.5000	35.0000	37.5000	40.0000		30	42.5000	45.0000	47.5000	50.0000
34.6667	37.3333	40.0000	42.6667		32	45.3333	48.0000	50.6667	53.3333
33.8333	39.6667	42.5000	45.3333		34	48.1667	51.0000	53.8333	56.6667
39.0000	42.0000	45.0000	48.0000		36	51.0000	54.0000	57.0000	60.0000
41.1667	44.3333	47.5000	50.6667		38	53.8333	57.0000	60.1667	63.3333
43.3333	46.6667	50.0000	53.3333		40	56.6667	60.0000	63.3333	66.6667
45.5000	49.0000	52.5000	56.0000		42	59.5000	63.0000	66.5000	70.0000
47.6667	51.3333	55.0000	58.6667		44	62.3333	66.0000	69.6667	73.3333

## Feet in one piece of each of following sizes:

LENGTH					Size	LENGTH					
10	12	14	16	18		20	22	24	26	28	30
FEET						FEET					
5 <sup>5</sup> / <sub>8</sub>	7	8 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>	10 <sup>1</sup> / <sub>2</sub>	1 x 7	11 <sup>3</sup> / <sub>8</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>8</sub>
7 <sup>1</sup> / <sub>8</sub>	9	10 <sup>1</sup> / <sub>8</sub>	12	13 <sup>1</sup> / <sub>8</sub>	1 x 9	15	16 <sup>3</sup> / <sub>8</sub>	18	19	21	22 <sup>1</sup> / <sub>8</sub>
9 <sup>1</sup> / <sub>8</sub>	11	12 <sup>1</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	1 x 11	18 <sup>1</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>8</sub>	22	23	25	27 <sup>1</sup> / <sub>8</sub>
10 <sup>1</sup> / <sub>8</sub>	13	15 <sup>1</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>2</sub>	1 x 13	21 <sup>3</sup> / <sub>8</sub>	23 <sup>3</sup> / <sub>8</sub>	26	28	30 <sup>1</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>8</sub>
14 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>2</sub>	1 x 17	28 <sup>3</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>8</sub>	34	36	39 <sup>1</sup> / <sub>8</sub>	42 <sup>1</sup> / <sub>8</sub>
15 <sup>5</sup> / <sub>8</sub>	19	22 <sup>1</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>2</sub>	1 x 19	31 <sup>3</sup> / <sub>8</sub>	34 <sup>5</sup> / <sub>8</sub>	38	41 <sup>1</sup> / <sub>8</sub>	44 <sup>1</sup> / <sub>8</sub>	47 <sup>1</sup> / <sub>8</sub>
17 <sup>1</sup> / <sub>2</sub>	21	24 <sup>1</sup> / <sub>8</sub>	28	31 <sup>1</sup> / <sub>2</sub>	1 x 21	35	38 <sup>1</sup> / <sub>2</sub>	42	45 <sup>1</sup> / <sub>2</sub>	49	52 <sup>1</sup> / <sub>2</sub>
18 <sup>1</sup> / <sub>8</sub>	22	25 <sup>3</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>8</sub>	33	1 x 22	36 <sup>3</sup> / <sub>8</sub>	40 <sup>1</sup> / <sub>8</sub>	44	47 <sup>3</sup> / <sub>8</sub>	51 <sup>1</sup> / <sub>8</sub>	55
19 <sup>1</sup> / <sub>8</sub>	23	26 <sup>5</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>2</sub>	1 x 23	38 <sup>1</sup> / <sub>8</sub>	42 <sup>1</sup> / <sub>8</sub>	46	49 <sup>3</sup> / <sub>8</sub>	53 <sup>1</sup> / <sub>2</sub>	57 <sup>1</sup> / <sub>8</sub>
20 <sup>5</sup> / <sub>8</sub>	25	29 <sup>1</sup> / <sub>8</sub>	33 <sup>1</sup> / <sub>8</sub>	37 <sup>1</sup> / <sub>2</sub>	1 x 25	41 <sup>3</sup> / <sub>8</sub>	45 <sup>5</sup> / <sub>8</sub>	50	54 <sup>1</sup> / <sub>8</sub>	58 <sup>1</sup> / <sub>2</sub>	62 <sup>1</sup> / <sub>8</sub>
21 <sup>3</sup> / <sub>8</sub>	26	30 <sup>3</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	39	1 x 26	43 <sup>3</sup> / <sub>8</sub>	47 <sup>3</sup> / <sub>8</sub>	52	56 <sup>1</sup> / <sub>8</sub>	60 <sup>3</sup> / <sub>8</sub>	65
22 <sup>1</sup> / <sub>8</sub>	27	31 <sup>1</sup> / <sub>8</sub>	36	40 <sup>1</sup> / <sub>8</sub>	1 x 27	45	49 <sup>1</sup> / <sub>8</sub>	54	58 <sup>1</sup> / <sub>8</sub>	63	67 <sup>1</sup> / <sub>8</sub>
23 <sup>1</sup> / <sub>8</sub>	28	32 <sup>1</sup> / <sub>8</sub>	37 <sup>1</sup> / <sub>8</sub>	42	1 x 28	46 <sup>3</sup> / <sub>8</sub>	51 <sup>1</sup> / <sub>8</sub>	56	60 <sup>1</sup> / <sub>8</sub>	65 <sup>1</sup> / <sub>8</sub>	70
24 <sup>1</sup> / <sub>8</sub>	29	33 <sup>1</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>8</sub>	43 <sup>1</sup> / <sub>8</sub>	1 x 29	48 <sup>1</sup> / <sub>8</sub>	53 <sup>1</sup> / <sub>8</sub>	58	62 <sup>1</sup> / <sub>8</sub>	67 <sup>1</sup> / <sub>8</sub>	72 <sup>1</sup> / <sub>8</sub>
25	30	35	40	45	1 x 30	50	55	60	65	70	75
25 <sup>5</sup> / <sub>8</sub>	31	36 <sup>1</sup> / <sub>8</sub>	41 <sup>1</sup> / <sub>8</sub>	46 <sup>1</sup> / <sub>8</sub>	1 x 31	51 <sup>3</sup> / <sub>8</sub>	56 <sup>5</sup> / <sub>8</sub>	62	67 <sup>1</sup> / <sub>8</sub>	72 <sup>1</sup> / <sub>8</sub>	77 <sup>1</sup> / <sub>8</sub>
26 <sup>3</sup> / <sub>8</sub>	32	37 <sup>1</sup> / <sub>8</sub>	42 <sup>1</sup> / <sub>8</sub>	48	1 x 32	53 <sup>3</sup> / <sub>8</sub>	58 <sup>3</sup> / <sub>8</sub>	64	69 <sup>1</sup> / <sub>8</sub>	74 <sup>1</sup> / <sub>8</sub>	80
31 <sup>3</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>8</sub>	5	5 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub> x 3	6 <sup>1</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>8</sub>	8	8 <sup>1</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>8</sub>
7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>4</sub>	10 <sup>3</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub> x 7	14 <sup>7</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>8</sub>
9 <sup>3</sup> / <sub>8</sub>	11 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	15	16 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub> x 9	18 <sup>1</sup> / <sub>4</sub>	20 <sup>1</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	26 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>4</sub>
11 <sup>1</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>8</sub>	18 <sup>1</sup> / <sub>8</sub>	20	1 <sup>1</sup> / <sub>2</sub> x 11	22 <sup>1</sup> / <sub>4</sub>	25 <sup>5</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	32 <sup>1</sup> / <sub>4</sub>	34 <sup>1</sup> / <sub>4</sub>
13 <sup>1</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>8</sub>	18 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>8</sub>	24	1 <sup>1</sup> / <sub>2</sub> x 13	27 <sup>1</sup> / <sub>2</sub>	29 <sup>3</sup> / <sub>4</sub>	32 <sup>1</sup> / <sub>2</sub>	35 <sup>5</sup> / <sub>4</sub>	37 <sup>1</sup> / <sub>2</sub>	40 <sup>3</sup> / <sub>4</sub>
17 <sup>1</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	28	31	1 <sup>1</sup> / <sub>2</sub> x 17	35 <sup>1</sup> / <sub>2</sub>	38 <sup>3</sup> / <sub>4</sub>	42 <sup>1</sup> / <sub>2</sub>	46	49 <sup>1</sup> / <sub>2</sub>	53 <sup>1</sup> / <sub>2</sub>
19 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>8</sub>	27 <sup>1</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>8</sub>	35	1 <sup>1</sup> / <sub>2</sub> x 19	39 <sup>1</sup> / <sub>2</sub>	43 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>2</sub>	51 <sup>1</sup> / <sub>2</sub>	55 <sup>1</sup> / <sub>2</sub>	59
21 <sup>1</sup> / <sub>4</sub>	26 <sup>1</sup> / <sub>8</sub>	30 <sup>3</sup> / <sub>8</sub>	35	39	1 <sup>1</sup> / <sub>2</sub> x 21	43 <sup>1</sup> / <sub>2</sub>	48 <sup>3</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub>	56 <sup>1</sup> / <sub>2</sub>	61 <sup>1</sup> / <sub>2</sub>	65

For 1 1/2, 2, and 3 inches thick, multiply the amount of inch pieces of same length by 1 1/2, 2, and 3 respectively.



## To Find Quantities of Lumber Required.

**STUDDING** on 16 inch centers. Estimate one to the lineal foot: This allows for doubling at openings and at corners.

**JOISTS AND RAFTERS** on 16 inch centers. To  $\frac{3}{4}$  of the length of the building, add 1; thus: For a building 16x32,  $\frac{3}{4}$  of 32 = 24, to which add 1, or 25, being the joists required, or the rafters for 1 side. Add 1 or 2 for each bearing partition.

**ROOF SHEATHING LAID SOLID.** To full area of roof add 10 per cent for waste. If laid 2 inches apart  $\frac{3}{4}$  of above will be required.

ARTICLE	Count Width	Face Width	Loss in Matching	To area to be covered add
Shiplap.....	12 inch	11 $\frac{1}{4}$	7 $\frac{9}{16}$	1-12
".....	10 "	9 $\frac{1}{4}$	8 $\frac{3}{4}$	1-10
".....	8 "	7 $\frac{1}{4}$	11 "	1-8
".....	6 "	5 $\frac{1}{4}$	12 $\frac{1}{2}$ "	1-5
Flooring.....	6 "	5 $\frac{1}{4}$	12 $\frac{1}{2}$ "	1-5
".....	4 $\frac{1}{4}$ "	3 $\frac{1}{2}$	19 "	$\frac{1}{2}$
".....	4 "	3 $\frac{1}{4}$	19 "	$\frac{1}{2}$
".....	3 "	2 $\frac{1}{4}$	25 "	$\frac{1}{2}$
".....	2 $\frac{3}{4}$ "	2	27 "	$\frac{1}{2}$
".....	2 $\frac{1}{2}$ "	2	20 "	$\frac{1}{2}$
".....	2 "	1 $\frac{1}{2}$	25 "	$\frac{1}{2}$

Drop siding, ceiling, and partition same as above.

ARTICLE	Size	Exposed	To area to be covered add
Siding, beveled.....	$\frac{1}{2}$ x4	3 $\frac{1}{4}$ inch	$\frac{1}{4}$
".....	$\frac{1}{2}$ x4	3 "	$\frac{1}{4}$
".....	$\frac{1}{2}$ x4	2 $\frac{3}{4}$ "	$\frac{1}{2}$
".....	$\frac{1}{2}$ x5	4 $\frac{1}{4}$ "	1-5
".....	$\frac{1}{2}$ x5	4 "	$\frac{1}{2}$
".....	$\frac{1}{2}$ x5	3 $\frac{3}{4}$ "	$\frac{1}{2}$
".....	$\frac{1}{2}$ x6	5 $\frac{1}{4}$ "	1-5
".....	$\frac{1}{2}$ x6	5 "	9-40
".....	$\frac{1}{2}$ x6	4 $\frac{3}{4}$ "	$\frac{1}{4}$

### SHINGLES.

When exposed 4 inches to the weather require 9 to the square foot.

".....	4 $\frac{1}{2}$ "	8 "	" "	Add 1-10 for Waste
".....	5 "	7 1-5 "	" "	
".....	5 $\frac{1}{2}$ "	6 $\frac{1}{2}$ "	" "	
".....	6 "	6 "	" "	

**CORNICES.** Multiply the total lineal feet by the combined width of planceer, frieze, and fascia, thus: If the planceer is 12 inches, the frieze 8 inches, and the fascia 4 inches, the combined width is 24 inches or 2 feet b. m. to the lineal foot of cornice.

**CORNER BOARDS AND OUTSIDE BASE.** Estimate on same plan as cornices and then add  $\frac{1}{4}$  if of  $\frac{1}{4}$ , or  $\frac{1}{2}$  if of  $\frac{1}{2}$  stuff.

**BRIDGING.** Multiply the total lineal feet, measuring each string in a straight line, by the following:

For 2x6, 2x8 or 2x10 on 16 inch centers by 2	
" 2x12	16 "
" 2x14	16 "
" 2x6 and 2x8	12 "
" 2x10 and 2x12	12 "
" 2x14	12 "

### LATTICE.

1 $\frac{1}{2}$  wide, multiply the area by 12 for the lineal feet required.

1 $\frac{3}{8}$ "	10 "
1 $\frac{3}{4}$ "	8 "

### Lath.

Lath when laid  $\frac{3}{4}$  inch apart, as for lime, require 1 $\frac{1}{2}$  to the square foot, or 13 $\frac{1}{2}$  to the square yard, to which add 4% for waste, making practically 14 to the square yard. So to find the lath required increase the square feet to be lathed by  $\frac{1}{2}$ , thus: 900 square feet require 900 +  $\frac{1}{2}$  of 900, or 1350 lath plus 4% = 1404.

When laid  $\frac{1}{2}$  inch apart, as for cement plasters, require 7 per cent more lath.

When there are no openings add 10 per cent to amount obtained by above.

Lath  
Shg.  
\$0.85  
\$1.20  
\$1.25  
\$1.60

\$1.65  
\$2.00

\$2.05  
\$2.40

\$2.45  
\$2.80

\$2.85  
\$3.20

\$3.25  
\$3.60

\$3.65  
\$4.00

\$4.05  
\$4.40

\$4.45  
\$4.80

\$4.85  
\$5.20

\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

85c. to \$1.20 per M.

PRICE				No. M	PRICE			
.85	.90	.95	1.00		1.05	1.10	1.15	1.20
AMOUNT					AMOUNT			
.85	.90	.95	1.00	1	1.05	1.10	1.15	1.20
1.70	1.80	1.90	2.00	2	2.10	2.20	2.30	2.40
2.55	2.70	2.85	3.00	3	3.15	3.30	3.45	3.60
3.40	3.60	3.80	4.00	4	4.20	4.40	4.60	4.80
4.25	4.50	4.75	5.00	5	5.25	5.50	5.75	6.00
5.10	5.40	5.70	6.00	6	6.30	6.60	6.90	7.20
5.95	6.30	6.65	7.00	7	7.35	7.70	8.05	8.40
6.80	7.20	7.60	8.00	8	8.40	8.80	9.20	9.60
7.65	8.10	8.55	9.00	9	9.45	9.90	10.35	10.80
8.50	9.00	9.50	10.00	10	10.50	11.00	11.50	12.00
9.35	9.90	10.45	11.00	11	11.55	12.10	12.65	13.20
10.20	10.80	11.40	12.00	12	12.60	13.20	13.80	14.40
11.05	11.70	12.35	13.00	13	13.65	14.30	14.95	15.60
11.90	12.60	13.30	14.00	14	14.70	15.40	16.10	16.80
12.75	13.50	14.25	15.00	15	15.75	16.50	17.25	18.00
13.60	14.40	15.20	16.00	16	16.80	17.60	18.40	19.20
14.45	15.30	16.15	17.00	17	17.85	18.70	19.55	20.40
15.30	16.20	17.10	18.00	18	18.90	19.80	20.70	21.60
16.15	17.10	18.05	19.00	19	19.95	20.90	21.85	22.80
17.00	18.00	19.00	20.00	20	21.00	22.00	23.00	24.00
17.85	18.90	19.95	21.00	21	22.05	23.10	24.15	25.20
18.70	19.80	20.90	22.00	22	23.10	24.20	25.30	26.40
19.55	20.70	21.85	23.00	23	24.15	25.30	26.45	27.60
20.40	21.60	22.80	24.00	24	25.20	26.40	27.60	28.80
21.25	22.50	23.75	25.00	25	26.25	27.50	28.75	30.00

.85	.90	.95	1.00	No. M	1.05	1.10	1.15	1.20
AMOUNT					AMOUNT			
22.10	23.40	24.70	26.00	26	27.30	28.60	29.90	31.20
22.95	24.30	25.65	27.00	27	28.35	29.70	31.05	32.40
23.80	25.20	26.60	28.00	28	29.40	30.80	32.20	33.60
24.65	26.10	27.55	29.00	29	30.45	31.90	33.35	34.80
25.50	27.00	28.50	30.00	30	31.50	33.00	34.50	36.00
26.35	27.90	29.45	31.00	31	32.55	34.10	35.65	37.20
27.20	28.80	30.40	32.00	32	33.60	35.20	36.80	38.40
28.05	29.70	31.35	33.00	33	34.65	36.30	37.95	39.60
28.90	30.60	32.30	34.00	34	35.70	37.40	39.10	40.80
29.75	31.50	33.25	35.00	35	36.75	38.50	40.25	42.00
30.60	32.40	34.20	36.00	36	37.80	39.60	41.40	43.20
31.45	33.30	35.15	37.00	37	38.85	40.70	42.55	44.40
32.30	34.20	36.10	38.00	38	39.90	41.80	43.70	45.60
33.15	35.10	37.05	39.00	39	40.95	42.90	44.85	46.80
34.00	36.00	38.00	40.00	40	42.00	44.00	46.00	48.00
34.85	36.90	38.95	41.00	41	43.05	45.10	47.15	49.20
35.70	37.80	39.90	42.00	42	44.10	46.20	48.30	50.40
36.55	38.70	40.85	43.00	43	45.15	47.30	49.45	51.60
37.40	39.60	41.80	44.00	44	46.20	48.40	50.60	52.80
38.25	40.50	42.75	45.00	45	47.25	49.50	51.75	54.00
39.10	41.40	43.70	46.00	46	48.30	50.60	52.90	55.20
39.95	42.30	44.65	47.00	47	49.35	51.70	54.05	56.40
40.80	43.20	45.60	48.00	48	50.40	52.80	55.20	57.60
41.65	44.10	46.55	49.00	49	51.45	53.90	56.35	58.80
42.50	45.00	47.50	50.00	50	52.50	55.00	57.50	60.00

.85	.90	.95	1.00	Below 1 M	1.05	1.10	1.15	1.20
AMOUNT					AMOUNT			
.04	.05	.05	.05	$\frac{1}{20}$ M	.05	.06	.06	.06
.09	.09	.10	.10	$\frac{1}{10}$ M	.11	.11	.12	.12
.17	.18	.19	.20	$\frac{1}{5}$ M	.21	.22	.23	.24



# LATH AND SHINGLES.

85c. to \$1.20 per M.

PRICE				No. M	PRICE			
.85	.90	.95	1.00		1.05	1.10	1.15	1.20
AMOUNT					AMOUNT			
43.35	45.90	48.45	51.00	51	53.55	56.10	58.65	61.20
44.20	46.80	49.40	52.00	52	54.60	57.20	59.80	62.40
45.05	47.70	50.35	53.00	53	55.65	58.30	60.95	63.60
45.90	48.60	51.30	54.00	54	56.70	59.40	62.10	64.80
46.75	49.50	52.25	55.00	55	57.75	60.50	63.25	66.00
47.60	50.40	53.20	56.00	56	58.80	61.60	64.40	67.20
48.45	51.30	54.15	57.00	57	59.85	62.70	65.55	68.40
49.30	52.20	55.10	58.00	58	60.90	63.80	66.70	69.60
50.15	53.10	56.05	59.00	59	61.95	64.90	67.85	70.80
51.00	54.00	57.00	60.00	60	63.00	66.00	69.00	72.00
51.85	54.90	57.95	61.00	61	64.05	67.10	70.15	73.20
52.70	55.80	58.90	62.00	62	65.10	68.20	71.30	74.40
53.55	56.70	59.85	63.00	63	66.15	69.30	72.45	75.60
54.40	57.60	60.80	64.00	64	67.20	70.40	73.60	76.80
55.25	58.50	61.75	65.00	65	68.25	71.50	74.75	78.00
56.10	59.40	62.70	66.00	66	69.30	72.60	75.90	79.20
56.95	60.30	63.65	67.04	67	70.35	73.70	77.05	80.40
57.80	61.20	64.60	68.00	68	71.40	74.80	78.20	81.60
58.65	62.10	65.55	69.00	69	72.45	75.90	79.35	82.80
59.50	63.00	66.50	70.00	70	73.50	77.00	80.50	84.00
60.35	63.90	67.45	71.00	71	74.55	78.10	81.65	85.20
61.20	64.80	68.40	72.00	72	75.60	79.20	82.80	86.40
62.05	65.70	69.35	73.00	73	76.65	80.30	83.95	87.60
62.90	66.60	70.30	74.00	74	77.70	81.40	85.10	88.80
63.75	67.50	71.25	75.00	75	78.75	82.50	86.25	90.00

.85	.90	.95	1.00	No. M	1.05	1.10	1.15	1.20
AMOUNT					AMOUNT			
64.60	68.40	72.20	76.00	76	79.80	83.60	87.40	91.20
65.45	69.30	73.15	77.00	77	80.85	84.70	88.55	92.40
66.30	70.20	74.10	78.00	78	81.90	85.80	89.70	93.60
67.15	71.10	75.05	79.00	79	82.95	86.90	90.85	94.80
68.00	72.00	76.00	80.00	80	84.00	88.00	92.00	96.00
68.85	72.90	76.95	81.00	81	85.05	89.10	93.15	97.20
69.70	73.80	77.90	82.00	82	86.10	90.20	94.30	98.40
70.55	74.70	78.85	83.00	83	87.15	91.30	95.45	99.60
71.40	75.60	79.80	84.00	84	88.20	92.40	96.60	100.80
72.25	76.50	80.75	85.00	85	89.25	93.50	97.75	102.00
73.10	77.40	81.70	86.00	86	90.30	94.60	98.90	103.20
73.95	78.30	82.65	87.00	87	91.35	95.70	100.05	104.40
74.80	79.20	83.60	88.00	88	92.40	96.80	101.20	105.60
75.65	80.10	84.55	89.00	89	93.45	97.90	102.35	106.80
76.50	81.00	85.50	90.00	90	94.50	99.00	103.50	108.00
77.35	81.90	86.45	91.00	91	95.55	100.10	104.65	109.20
78.20	82.80	87.40	92.00	92	96.60	101.20	105.80	110.40
79.05	83.70	88.35	93.00	93	97.65	102.30	106.95	111.60
79.90	84.60	89.30	94.00	94	98.70	103.40	108.10	112.80
80.75	85.50	90.25	95.00	95	99.75	104.50	109.25	114.00
81.60	86.40	91.20	96.00	96	100.80	105.60	110.40	115.20
82.45	87.30	92.15	97.00	97	101.85	106.70	111.55	116.40
83.30	88.20	93.10	98.00	98	102.90	107.80	112.70	117.60
84.15	89.10	94.05	99.00	99	103.95	108.90	113.85	118.80
85.00	90.00	95.00	100.00	100	105.00	110.00	115.00	120.00

.85	.90	.95	1.00	Below	1.05	1.10	1.15	1.20
AMOUNT				1 M	AMOUNT			
.21	.23	.24	.25	1/2 M	.26	.28	.29	.30
.43	.45	.48	.50	1/2 M	.53	.55	.58	.60
.64	.68	.71	.75	1/2 M	.79	.83	.86	.90

Lath  
Shg.  
\$0.85  
\$1.20  
\$1.25  
\$1.60  
\$1.65  
\$2.00  
\$2.05  
\$2.40  
\$2.45  
\$2.80  
\$2.85  
\$3.20  
\$3.25  
\$3.60  
\$3.65  
\$4.00  
\$4.05  
\$4.40  
\$4.45  
\$4.80  
\$4.85  
\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00  
EST.

# LATH AND SHINGLES.

\$1.25 to \$1.60 per M.

PRICE				No. M	PRICE			
1.25	1.30	1.35	1.40		1.45	1.50	1.55	1.60
AMOUNT					AMOUNT			
1.25	1.30	1.35	1.40	1	1.45	1.50	1.55	1.60
2.50	2.60	2.70	2.80	2	2.90	3.00	3.10	3.20
3.75	3.90	4.05	4.20	3	4.35	4.50	4.65	4.80
5.00	5.20	5.40	5.60	4	5.80	6.00	6.20	6.40
6.25	6.50	6.75	7.00	5	7.25	7.50	7.75	8.00
7.50	7.80	8.10	8.40	6	8.70	9.00	9.30	9.60
8.75	9.10	9.45	9.80	7	10.15	10.50	10.85	11.20
10.00	10.40	10.80	11.20	8	11.60	12.00	12.40	12.80
11.25	11.70	12.15	12.60	9	13.05	13.50	13.95	14.40
12.50	13.00	13.50	14.00	10	14.50	15.00	15.50	16.00
13.75	14.30	14.85	15.40	11	15.95	16.50	17.05	17.60
15.00	15.60	16.20	16.80	12	17.40	18.00	18.60	19.20
16.25	16.90	17.55	18.20	13	18.85	19.50	20.15	20.80
17.50	18.20	18.90	19.60	14	20.30	21.00	21.70	22.40
18.75	19.50	20.25	21.00	15	21.75	22.50	23.25	24.00
20.00	20.80	21.60	22.40	16	23.20	24.00	24.80	25.60
21.25	22.10	22.95	23.80	17	24.65	25.50	26.35	27.20
22.50	23.40	24.30	25.20	18	26.10	27.00	27.90	28.80
23.75	24.70	25.65	26.60	19	27.55	28.50	29.45	30.40
25.00	26.00	27.00	28.00	20	29.00	30.00	31.00	32.00
26.25	27.30	28.35	29.40	21	30.45	31.50	32.55	33.60
27.50	28.60	29.70	30.80	22	31.90	33.00	34.10	35.20
28.75	29.90	31.05	32.20	23	33.35	34.50	35.65	36.80
30.00	31.20	32.40	33.60	24	34.80	36.00	37.20	38.40
31.25	32.50	33.75	35.00	25	36.25	37.50	38.75	40.00

PRICE				No. M	PRICE			
1.25	1.30	1.35	1.40		1.45	1.50	1.55	1.60
AMOUNT					AMOUNT			
32.50	33.80	35.10	36.40	26	37.70	39.00	40.30	41.60
33.75	35.10	36.45	37.80	27	39.15	40.50	41.85	43.20
35.00	36.40	37.80	39.20	28	40.60	42.00	43.40	44.80
36.25	37.70	39.15	40.60	29	42.05	43.50	44.95	46.40
37.50	39.00	40.50	42.00	30	43.50	45.00	46.50	48.00
38.75	40.30	41.85	43.40	31	44.95	46.50	48.05	49.60
40.00	41.60	43.20	44.80	32	46.40	48.00	49.60	51.20
41.25	42.90	44.55	46.20	33	47.85	49.50	51.15	52.80
42.50	44.20	45.90	47.60	34	49.30	51.00	52.70	54.40
43.75	45.50	47.25	49.00	35	50.75	52.50	54.25	56.00
45.00	46.80	48.60	50.40	36	52.20	54.00	55.80	57.60
46.25	48.10	49.95	51.80	37	53.65	55.50	57.35	59.20
47.50	49.40	51.30	53.20	38	55.10	57.00	58.90	60.80
48.75	50.70	52.65	54.60	39	56.55	58.50	60.45	62.40
50.00	52.00	54.00	56.00	40	58.00	60.00	62.00	64.00
51.25	53.30	55.35	57.40	41	59.45	61.50	63.55	65.60
52.50	54.60	56.70	58.80	42	60.90	63.00	65.10	67.20
53.75	55.90	58.05	60.20	43	62.35	64.50	66.65	68.80
55.00	57.20	59.40	61.60	44	63.80	66.00	68.20	70.40
56.25	58.50	60.75	63.00	45	65.25	67.50	69.75	72.00
57.50	59.80	62.10	64.40	46	66.70	69.00	71.30	73.60
58.75	61.10	63.45	65.80	47	68.15	70.50	72.85	75.20
60.00	62.40	64.80	67.20	48	69.60	72.00	74.40	76.80
61.25	63.70	66.15	68.60	49	71.05	73.50	75.95	78.40
62.50	65.00	67.50	70.00	50	72.50	75.00	77.50	80.00

1.25	1.30	1.35	1.40	Below 1 M	1.45	1.50	1.55	1.60
AMOUNT					AMOUNT			
.06	.07	.07	.07	$\frac{1}{20}$ M	.07	.08	.08	.08
.13	.13	.14	.14	$\frac{1}{10}$ M	.15	.15	.16	.16
.25	.26	.27	.28	$\frac{1}{5}$ M	.29	.30	.31	.32



# LATH AND SHINGLES.

\$1.25 to \$1.60 per M.

PRICE				No. M	PRICE			
1.25	1.30	1.35	1.40		1.45	1.50	1.55	1.60
AMOUNT				AMOUNT				
63.75	66.30	68.85	71.40	51	73.95	76.50	79.05	81.60
65.00	67.60	70.20	72.80	52	75.40	78.00	80.60	83.20
66.25	68.90	71.55	74.20	53	76.85	79.50	82.15	84.80
67.50	70.20	72.90	75.60	54	78.30	81.00	83.70	86.40
68.75	71.50	74.25	77.00	55	79.75	82.50	85.25	88.00
70.00	72.80	75.60	78.40	56	81.20	84.00	86.80	89.60
71.25	74.10	76.95	79.80	57	82.65	85.50	88.35	91.20
72.50	75.40	78.30	81.20	58	84.10	87.00	89.90	92.80
73.75	76.70	79.65	82.60	59	85.55	88.50	91.45	94.40
75.00	78.00	81.00	84.00	60	87.00	90.00	93.00	96.00
76.25	79.30	82.35	85.40	61	88.45	91.50	94.55	97.60
77.50	80.60	83.70	86.80	62	89.90	93.00	96.10	99.20
78.75	81.90	85.05	88.20	63	91.35	94.50	97.65	100.80
80.00	83.20	86.40	89.60	64	92.80	96.00	99.20	102.40
81.25	84.50	87.75	91.00	65	94.25	97.50	100.75	104.00
82.50	85.80	89.10	92.40	66	95.70	99.00	102.30	105.60
83.75	87.10	90.45	93.80	67	97.15	100.50	103.85	107.20
85.00	88.40	91.80	95.20	68	98.60	102.00	105.40	108.80
86.25	89.70	93.15	96.60	69	100.05	103.50	106.95	110.40
87.50	91.00	94.50	98.00	70	101.50	105.00	108.50	112.00
88.75	92.30	95.85	99.40	71	102.95	106.50	110.05	113.60
90.00	93.60	97.20	100.80	72	104.40	108.00	111.60	115.20
91.25	94.90	98.55	102.20	73	105.85	109.50	113.15	116.80
92.50	96.20	99.90	103.60	74	107.30	111.00	114.70	118.40
93.75	97.50	101.25	105.00	75	108.75	112.50	116.25	120.00

\$1.25  
\$1.60  
\$1.65  
\$2.00  
\$2.05  
\$2.40  
\$2.45  
\$2.80

1.25	1.30	1.35	1.40	No. M	1.45	1.50	1.55	1.60
AMOUNT					AMOUNT			
95.00	98.80	102.60	106.40	76	110.20	114.00	117.80	121.60
96.25	100.10	103.95	107.80	77	111.65	115.50	119.35	123.20
97.50	101.40	105.30	109.20	78	113.10	117.00	120.90	124.80
98.75	102.70	106.65	110.60	79	114.55	118.50	122.45	126.40
100.00	104.00	108.00	112.00	80	116.00	120.00	124.00	128.00
101.25	105.30	109.35	113.40	81	117.45	121.50	125.55	129.60
102.50	106.60	110.70	114.80	82	118.90	123.00	127.10	131.20
103.75	107.90	112.05	116.20	83	120.35	124.50	128.65	132.80
105.00	109.20	113.40	117.60	84	121.80	126.00	130.20	134.40
106.25	110.50	114.75	119.00	85	123.25	127.50	131.75	136.00
107.50	111.80	116.10	120.40	86	124.70	129.00	133.30	137.60
108.75	113.10	117.45	121.80	87	126.15	130.50	134.85	139.20
110.00	114.40	118.80	123.20	88	127.60	132.00	136.40	140.80
111.25	115.70	120.15	124.60	89	129.05	133.50	137.95	142.40
112.50	117.00	121.50	126.00	90	130.50	135.00	139.50	144.00
113.75	118.30	122.85	127.40	92	131.95	136.50	141.05	145.60
115.00	119.60	124.20	128.80	92	133.40	138.00	142.60	147.20
116.25	120.90	125.55	130.20	93	134.85	139.50	144.15	148.80
117.50	122.20	126.90	131.60	94	136.30	141.00	145.70	150.40
118.75	123.50	128.25	133.00	95	137.75	142.50	147.25	152.00
120.00	124.80	129.60	134.40	96	139.20	144.00	148.80	153.60
121.25	126.10	130.95	135.80	97	140.65	145.50	150.35	155.20
122.50	127.40	132.30	137.20	98	142.10	147.00	151.90	156.80
123.75	128.70	133.65	138.60	99	143.55	148.50	153.45	158.40
125.00	130.00	135.00	140.00	100	145.00	150.00	155.00	160.00

\$2.85  
\$3.20  
\$3.25  
\$3.60  
\$3.65  
\$4.00  
\$4.05  
\$4.40  
\$4.45  
\$4.80  
\$4.85  
\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00

EST.

1.25	1.30	1.35	1.40	Below	1.45	1.50	1.55	1.60
AMOUNT				1 M	AMOUNT			
.31	.33	.34	.35	$\frac{1}{4}$ M	.36	.38	.39	.40
.63	.65	.68	.70	$\frac{1}{2}$ M	.73	.75	.78	.80
.94	.98	1.01	1.05	$\frac{3}{4}$ M	1.09	1.13	1.16	1.20

# LATH AND SHINGLES.

\$1.65 to \$2.00 per M.

PRICE				No. M	PRICE			
1.65	1.70	1.75	1.80		1.85	1.90	1.95	2.00
AMOUNT					AMOUNT			
1.65	1.70	1.75	1.80	1	1.85	1.90	1.95	2.00
3.30	3.40	3.50	3.60	2	3.70	3.80	3.90	4.00
4.95	5.10	5.25	5.40	3	5.55	5.70	5.85	6.00
6.60	6.80	7.00	7.20	4	7.40	7.60	7.80	8.00
8.25	8.50	8.75	9.00	5	9.25	9.50	9.75	10.00
9.90	10.20	10.50	10.80	6	11.10	11.40	11.70	12.00
11.55	11.90	12.25	12.60	7	12.95	13.30	13.65	14.00
13.20	13.60	14.00	14.40	8	14.80	15.20	15.60	16.00
14.85	15.30	15.75	16.20	9	16.65	17.10	17.55	18.00
16.50	17.00	17.50	18.00	10	18.50	19.00	19.50	20.00
18.15	18.70	19.25	19.80	11	20.35	20.90	21.45	22.00
19.80	20.40	21.00	21.60	12	22.20	22.80	23.40	24.00
21.45	22.10	22.75	23.40	13	24.05	24.70	25.35	26.00
23.10	23.80	24.50	25.20	14	25.90	26.60	27.30	28.00
24.75	25.50	26.25	27.00	15	27.75	28.50	29.25	30.00
26.40	27.20	28.00	28.80	16	29.60	30.40	31.20	32.00
28.05	28.90	29.75	30.60	17	31.45	32.30	33.15	34.00
29.70	30.60	31.50	32.40	18	33.30	34.20	35.10	36.00
31.35	32.30	33.25	34.20	19	35.15	36.10	37.05	38.00
33.00	34.00	35.00	36.00	20	37.00	38.00	39.00	40.00
34.65	35.70	36.75	37.80	21	38.85	39.90	40.95	42.00
36.30	37.40	38.50	39.60	22	40.70	41.80	42.90	44.00
37.95	39.10	40.25	41.40	23	42.55	43.70	44.85	46.00
39.60	40.80	42.00	43.20	24	44.40	45.60	46.80	48.00
41.25	42.50	43.75	45.00	25	46.25	47.50	48.75	50.00

1.65	1.70	1.75	1.80	No. M	1.85	1.90	1.95	2.00
AMOUNT					AMOUNT			
42.90	44.20	45.50	46.80	26	48.10	49.40	50.70	52.00
44.55	45.90	47.25	48.60	27	49.95	51.30	52.65	54.00
46.20	47.60	49.00	50.40	28	51.80	53.20	54.60	56.00
47.85	49.30	50.75	52.20	29	53.65	55.10	56.55	58.00
49.50	51.00	52.50	54.00	30	55.50	57.00	58.50	60.00
51.15	52.70	54.25	55.80	31	57.35	58.90	60.45	62.00
52.80	54.40	56.00	57.60	32	59.20	60.80	62.40	64.00
54.45	56.10	57.75	59.40	33	61.05	62.70	64.35	66.00
56.10	57.80	59.50	61.20	34	62.90	64.60	66.30	68.00
57.75	59.50	61.25	63.00	35	64.75	66.50	68.25	70.00
59.40	61.20	63.00	64.80	36	66.60	68.40	70.20	72.00
61.05	62.90	64.75	66.60	37	68.45	70.30	72.15	74.00
62.70	64.60	66.50	68.40	38	70.30	72.20	74.10	76.00
64.35	66.30	68.25	70.20	39	72.15	74.10	76.05	78.00
66.00	68.00	70.00	72.00	40	74.00	76.00	78.00	80.00
67.65	69.70	71.75	73.80	41	75.85	77.90	79.95	82.00
69.30	71.40	73.50	75.60	42	77.70	79.80	81.90	84.00
70.95	73.10	75.25	77.40	43	79.55	81.70	83.85	86.00
72.60	74.80	77.00	79.20	44	81.40	83.60	85.80	88.00
74.25	76.50	78.75	81.00	45	83.25	85.50	87.75	90.00
75.90	78.20	80.50	82.80	46	85.10	87.40	89.70	92.00
77.55	79.90	82.25	84.60	47	86.95	89.30	91.65	94.00
79.20	81.60	84.00	86.40	48	88.80	91.20	93.60	96.00
80.85	83.30	85.75	88.20	49	90.65	93.10	95.55	98.00
82.50	85.00	87.50	90.00	50	92.50	95.00	97.50	100.00

1.65	1.70	1.75	1.80	Below 1 M	1.85	1.90	1.95	2.00
AMOUNT					AMOUNT			
.08	.09	.09	.09	$\frac{1}{10}$ M	.09	.10	.10	.10
.17	.17	.18	.18	$\frac{1}{5}$ M	.19	.19	.20	.20
.33	.34	.35	.36	$\frac{1}{2}$ M	.37	.38	.39	.40



# LATH AND SHINGLES.

\$1.65 to \$2.00 per M.

PRICE				No. M	PRICE			
1.65	1.70	1.75	1.80		1.85	1.90	1.95	2.00
AMOUNT				AMOUNT				
84.15	86.70	89.25	91.80	51	94.35	96.90	99.45	102.00
85.80	88.40	91.00	93.60	52	96.20	98.80	101.40	104.00
87.45	90.10	92.75	95.40	53	98.05	100.70	103.35	106.00
89.10	91.80	94.50	97.20	54	99.90	102.60	105.30	108.00
90.75	93.50	96.25	99.00	55	101.75	104.50	107.25	110.00
92.40	95.20	98.00	100.80	56	103.60	106.40	109.20	112.00
94.05	96.90	99.75	102.60	57	105.45	108.30	111.15	114.00
95.70	98.60	101.50	104.40	58	107.30	110.20	113.10	116.00
97.35	100.30	103.25	106.20	59	109.15	112.10	115.05	118.00
99.00	102.00	105.00	108.00	60	111.00	114.00	117.00	120.00
100.65	103.70	106.75	109.80	61	112.85	115.90	118.95	122.00
102.30	105.40	108.50	111.60	62	114.70	117.80	120.90	124.00
103.95	107.10	110.25	113.40	63	116.55	119.70	122.85	126.00
105.60	108.80	112.00	115.20	64	118.40	121.60	124.80	128.00
107.25	110.50	113.75	117.00	65	120.25	123.50	126.75	130.00
108.90	112.20	115.50	118.80	66	122.10	125.40	128.70	132.00
110.55	113.90	117.25	120.60	67	123.95	127.30	130.65	134.00
112.20	115.60	119.00	122.40	68	125.80	129.20	132.60	136.00
113.85	117.30	120.75	124.20	69	127.65	131.10	134.55	138.00
115.50	119.00	122.50	126.00	70	129.50	133.00	136.50	140.00
117.15	120.70	124.25	127.80	71	131.35	134.90	138.45	142.00
118.80	122.40	126.00	129.60	72	133.20	136.80	140.40	144.00
120.45	124.10	127.75	131.40	73	135.05	138.70	142.35	146.00
122.10	125.80	129.50	133.20	74	136.90	140.60	144.30	148.00
123.75	127.50	131.25	135.00	75	138.75	142.50	146.25	150.00
125.40	129.20	133.00	136.80	76	140.60	144.40	148.20	152.00
127.05	130.90	134.75	138.60	77	142.45	146.30	150.15	154.00
128.70	132.60	136.50	140.40	78	144.30	148.20	152.10	156.00
130.35	134.30	138.25	142.20	79	146.15	150.10	154.05	158.00
132.00	136.00	140.00	144.00	80	148.00	152.00	156.00	160.00
133.65	137.70	141.75	145.80	81	149.85	153.90	157.95	162.00
135.30	139.40	143.50	147.60	82	151.70	155.80	159.90	164.00
136.95	141.10	145.25	149.40	83	153.55	157.70	161.85	166.00
138.60	142.80	147.00	151.20	84	155.40	159.60	163.80	168.00
140.25	144.50	148.75	153.00	85	157.25	161.50	165.75	170.00
141.90	146.20	150.50	154.80	86	159.10	163.40	167.70	172.00
143.55	147.90	152.25	156.60	87	160.95	165.30	169.65	174.00
145.20	149.60	154.00	158.40	88	162.80	167.20	171.60	176.00
146.85	151.30	155.75	160.20	89	164.65	169.10	173.55	178.00
148.50	153.00	157.50	162.00	90	166.50	171.00	175.50	180.00
150.15	154.70	159.25	163.80	91	168.35	172.90	177.45	182.00
151.80	156.40	161.00	165.60	92	170.20	174.80	179.40	184.00
153.45	158.10	162.75	167.40	93	172.05	176.70	181.35	186.00
155.10	159.80	164.50	169.20	94	173.90	178.60	183.30	188.00
156.75	161.50	166.25	171.00	95	175.75	180.50	185.25	190.00
158.40	163.20	168.00	172.80	96	177.60	182.40	187.20	192.00
160.05	164.90	169.75	174.60	97	179.45	184.30	189.15	194.00
161.70	166.60	171.50	176.40	98	181.30	186.20	191.10	196.00
163.35	168.30	173.25	178.20	99	183.15	188.10	193.05	198.00
165.00	170.00	175.00	180.00	100	185.00	190.00	195.00	200.00
1.65	1.70	1.75	1.80	Below	1.85	1.90	1.95	2.00
AMOUNT				1 M	AMOUNT			
.41	.43	.44	.45	1/2 M	.46	.48	.49	.50
.83	.85	.88	.90	3/4 M	.93	.95	.98	1.00
1.24	1.28	1.31	1.35	1 M	1.39	1.43	1.64	1.50

\$1.65  
\$2.00

\$2.05  
\$2.40

\$2.45  
\$2.80

\$2.85  
\$3.20

\$3.25  
\$3.60

\$3.65  
\$4.00

\$4.05  
\$4.40

\$4.45  
\$4.80

\$4.85  
\$5.20

\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$2.05 to \$2.40 per M.

PRICE				No. M	PRICE			
2.05	2.10	2.15	2.20		2.25	2.30	2.35	2.40
AMOUNT					AMOUNT			
2.05	2.10	2.15	2.20	1	2.25	2.30	2.35	2.40
4.10	4.20	4.30	4.40	2	4.50	4.60	4.70	4.80
6.15	6.30	6.45	6.60	3	6.75	6.90	7.05	7.20
8.20	8.40	8.60	8.80	4	9.00	9.20	9.40	9.60
10.25	10.50	10.75	11.00	5	11.25	11.50	11.75	12.00
12.30	12.60	12.90	13.20	6	13.50	13.80	14.10	14.40
14.35	14.70	15.05	15.40	7	15.75	16.10	16.45	16.80
16.40	16.80	17.20	17.60	8	18.00	18.40	18.80	19.20
18.45	18.90	19.35	19.80	9	20.25	20.70	21.15	21.60
20.50	21.00	21.50	22.00	10	22.50	23.00	23.50	24.00
22.55	23.10	23.65	24.20	11	24.75	25.30	25.85	26.40
24.60	25.20	25.80	26.40	12	27.00	27.60	28.20	28.80
26.65	27.30	27.95	28.60	13	29.25	29.90	30.55	31.20
28.70	29.40	30.10	30.80	14	31.50	32.20	32.90	33.60
30.75	31.50	32.25	33.00	15	33.75	34.50	35.25	36.00
32.80	33.60	34.40	35.20	16	36.00	36.80	37.60	38.40
34.85	35.70	36.55	37.40	17	38.25	39.10	39.95	40.80
36.90	37.80	38.70	39.60	18	40.50	41.40	42.30	43.20
38.95	39.90	40.85	41.80	19	42.75	43.70	44.65	45.60
41.00	42.00	43.00	44.00	20	45.00	46.00	47.00	48.00
43.05	44.10	45.15	46.20	21	47.25	48.30	49.35	50.40
45.10	46.20	47.30	48.40	22	49.50	50.60	51.70	52.80
47.15	48.30	49.45	50.60	23	51.75	52.90	54.05	55.20
49.20	50.40	51.60	52.80	24	54.00	55.20	56.40	57.60
51.25	52.50	53.75	55.00	25	56.25	57.50	58.75	60.00

2.05	2.10	2.15	2.20	No. M	2.25	2.30	2.35	2.40
AMOUNT					AMOUNT			
53.30	54.60	55.90	57.20	26	58.50	59.80	61.10	62.40
55.35	56.70	58.05	59.40	27	60.75	62.10	63.45	64.80
57.40	58.80	60.20	61.60	28	63.00	64.40	65.80	67.20
59.45	60.90	62.35	63.80	29	65.25	66.70	68.15	69.60
61.50	63.00	64.50	66.00	30	67.50	69.00	70.50	72.00
63.55	65.10	66.65	68.20	31	69.75	71.30	72.85	74.40
65.60	67.20	68.80	70.40	32	72.00	73.60	75.20	76.80
67.65	69.30	70.95	72.60	33	74.25	75.90	77.55	79.20
69.70	71.40	73.10	74.80	34	76.50	78.20	79.90	81.60
71.75	73.50	75.25	77.00	35	78.75	80.50	82.25	84.00
73.80	75.60	77.40	79.20	36	81.00	82.80	84.60	86.40
75.85	77.70	79.55	81.40	37	83.25	85.10	86.95	88.80
77.90	79.80	81.70	83.60	38	85.50	87.40	89.30	91.20
79.95	81.90	83.85	85.80	39	87.75	89.70	91.65	93.60
82.00	84.00	86.00	88.00	40	90.00	92.00	94.00	96.00
84.05	86.10	88.15	90.20	41	92.25	94.30	96.35	98.40
86.10	88.20	90.30	92.40	42	94.50	96.60	98.70	100.80
88.15	90.30	92.45	94.60	43	96.75	98.90	101.05	103.20
90.20	92.40	94.60	96.80	44	99.00	101.20	103.40	105.60
92.25	94.50	96.75	99.00	45	101.25	103.50	105.75	108.00
94.30	96.60	98.90	101.20	46	103.50	105.80	108.10	110.40
96.35	98.70	101.05	103.40	47	105.75	108.10	110.45	112.80
98.40	100.80	103.20	105.60	48	108.00	110.40	112.80	115.20
100.45	102.90	105.35	107.80	49	110.25	112.70	115.15	117.60
102.50	105.00	107.50	110.00	50	112.50	115.00	117.50	120.00

2.05	2.10	2.15	2.20	Below	2.25	2.30	2.35	2.40
AMOUNT				1 M	AMOUNT			
.10	.11	.11	.11	$\frac{1}{10}$ M	.11	.12	.12	.12
.21	.21	.22	.22	$\frac{1}{10}$ M	.23	.23	.24	.24
.41	.42	.43	.44	$\frac{1}{10}$ M	.45	.46	.47	.48



# LATH AND SHINGLES.

\$2.05 to \$2.40 per M.

PRICE				No. M	PRICE			
2.05	2.10	2.15	2.20		2.25	2.30	2.35	2.40
AMOUNT				AMOUNT				
104.55	107.10	109.65	112.20	51	114.75	117.30	119.85	122.40
106.60	109.20	111.80	114.40	52	117.00	119.60	122.20	124.86
108.65	111.30	113.95	116.60	53	119.25	121.90	124.55	127.20
110.70	113.40	116.10	118.80	54	121.50	124.20	126.90	129.60
112.75	115.50	118.25	121.00	55	123.75	126.50	129.25	132.00
114.80	117.60	120.40	123.20	56	126.00	128.80	131.60	134.40
116.85	119.70	122.55	125.40	57	128.25	131.10	133.95	136.80
118.90	121.80	124.70	127.60	58	130.50	133.40	136.30	139.20
120.95	123.90	126.85	129.80	59	132.75	135.70	138.65	141.60
123.00	126.00	129.00	132.00	60	135.00	138.00	141.00	144.00
125.05	128.10	131.15	134.20	61	137.25	140.30	143.35	146.40
127.10	130.20	133.30	136.40	62	139.50	142.60	145.70	148.80
129.15	132.30	135.45	138.60	63	141.75	144.90	148.05	151.20
131.20	134.40	137.60	140.80	64	144.00	147.20	150.40	153.60
133.25	136.50	139.75	143.00	65	146.25	149.50	152.75	156.00
135.30	138.60	141.90	145.20	66	148.50	151.80	155.10	158.40
137.35	140.70	144.05	147.40	67	150.75	154.10	157.45	160.80
139.40	142.80	146.20	149.60	68	153.00	156.40	159.80	163.20
141.45	144.90	148.35	151.80	69	155.25	158.70	162.15	165.60
143.50	147.00	150.50	154.00	70	157.50	161.00	164.50	168.00
145.55	149.10	152.65	156.20	71	159.75	163.30	166.85	170.40
147.60	151.20	154.80	158.40	72	162.00	165.60	169.20	172.80
149.65	153.30	156.95	160.60	73	164.25	167.90	171.55	175.20
151.70	155.40	159.10	162.80	74	166.50	170.20	173.90	177.60
153.75	157.50	161.25	165.00	75	168.75	172.50	176.25	180.00

2.05	2.10	2.15	2.20	No. M	2.25	2.30	2.35	2.40
AMOUNT					AMOUNT			
155.80	159.60	163.40	167.20	76	171.00	174.80	178.60	182.40
157.85	161.70	165.55	169.40	77	173.25	177.10	180.95	184.80
159.90	163.80	167.70	171.60	78	175.50	179.40	183.30	187.20
161.95	165.90	169.85	173.80	79	177.75	181.70	185.65	189.60
164.00	168.00	172.00	176.00	80	180.00	184.00	188.00	192.00
166.05	170.10	174.15	178.20	81	182.25	186.30	190.35	194.40
168.10	172.20	176.30	180.40	82	184.50	188.60	192.70	196.80
170.15	174.30	178.45	182.60	83	186.75	190.90	195.05	199.20
172.20	176.40	180.60	184.80	84	189.00	193.20	197.40	201.60
174.25	178.50	182.75	187.00	85	191.25	195.50	199.75	204.00
176.30	180.60	184.90	189.20	86	193.50	197.80	202.10	206.40
178.35	182.70	187.05	191.40	87	195.75	200.10	204.45	208.80
180.40	184.80	189.20	193.60	88	198.00	202.40	206.80	211.20
182.45	186.90	191.35	195.80	89	200.25	204.70	209.15	213.60
184.50	189.00	193.50	198.00	90	202.50	207.00	211.50	216.00
186.55	191.10	195.65	200.20	91	204.75	209.30	213.85	218.40
188.60	193.20	197.80	202.40	92	207.00	211.60	216.20	220.80
190.65	195.30	199.95	204.60	93	209.25	213.90	218.55	223.20
192.70	197.40	202.10	206.80	94	211.50	216.20	220.90	225.60
194.75	199.50	204.25	209.00	95	213.75	218.50	223.25	228.00
196.80	201.60	206.40	211.20	96	216.00	220.80	225.60	230.40
198.85	203.70	208.55	213.40	97	218.25	223.10	227.95	232.80
200.90	205.80	210.70	215.60	98	220.50	225.40	230.30	235.20
202.95	207.90	212.85	217.80	99	222.75	227.70	232.65	237.60
205.00	210.00	215.00	220.00	100	225.00	230.00	235.00	240.00

2.05	2.10	2.15	2.20	Below	2.25	2.30	2.35	2.40
AMOUNT				1 M	AMOUNT			
.51	.53	.54	.55	1 M	.56	.58	.59	.60
1.03	1.05	1.08	1.10	1 M	1.13	1.15	1.18	1.20
1.54	1.58	1.61	1.65	1 M	1.69	1.73	1.76	1.80

\$2.05

\$2.40

\$2.45

\$2.80

\$2.85

\$3.20

\$3.25

\$3.60

\$3.65

\$4.00

\$4.05

\$4.40

\$4.45

\$4.80

\$4.85

\$5.20

\$5.25

\$5.60

\$5.65

\$6.00

EST.

# LATH AND SHINGLES.

\$2.45 to \$2.80 per M.

PRICE				No. M	PRICE			
2.45	2.50	2.55	2.60		2.65	2.70	2.75	2.80
AMOUNT					AMOUNT			
2.45	2.50	2.55	2.60	1	2.65	2.70	2.75	2.80
4.90	5.00	5.10	5.20	2	5.30	5.40	5.50	5.60
7.35	7.50	7.65	7.80	3	7.95	8.10	8.25	8.40
9.80	10.00	10.20	10.40	4	10.60	10.80	11.00	11.20
12.25	12.50	12.75	13.00	5	13.25	13.50	13.75	14.00
14.70	15.00	15.30	15.60	6	15.90	16.20	16.50	16.80
17.15	17.50	17.85	18.20	7	18.55	18.90	19.25	19.60
19.60	20.00	20.40	20.80	8	21.20	21.60	22.00	22.40
22.05	22.50	22.95	23.40	9	23.85	24.30	24.75	25.20
24.50	25.00	25.50	26.00	10	26.50	27.00	27.50	28.00
26.95	27.50	28.05	28.60	11	29.15	29.70	30.25	30.80
29.40	30.00	30.60	31.20	12	31.80	32.40	33.00	33.60
31.85	32.50	33.15	33.80	13	34.45	35.10	35.75	36.40
34.30	35.00	35.70	36.40	14	37.10	37.80	38.50	39.20
36.75	37.50	38.25	39.00	15	39.75	40.50	41.25	42.00
39.20	40.00	40.80	41.60	16	42.40	43.20	44.00	44.80
41.65	42.50	43.35	44.20	17	45.05	45.90	46.75	47.60
44.10	45.00	45.90	46.80	18	47.70	48.60	49.50	50.40
46.55	47.50	48.45	49.40	19	50.35	51.30	52.25	53.20
49.00	50.00	51.00	52.00	20	53.00	54.00	55.00	56.00
51.45	52.50	53.55	54.60	21	55.65	56.70	57.75	58.80
53.90	55.00	56.10	57.20	22	58.30	59.40	60.50	61.60
56.35	57.50	58.65	59.80	23	60.95	62.10	63.25	64.40
58.80	60.00	61.20	62.40	24	63.60	64.80	66.00	67.20
61.25	62.50	63.75	65.00	25	66.25	67.50	68.75	70.00

2.15	2.50	2.55	2.60	No. M	2.65	2.70	2.75	2.80
AMOUNT					AMOUNT			
63.70	65.00	66.30	67.60	26	68.90	70.20	71.50	72.80
66.15	67.50	68.85	70.20	27	71.55	72.90	74.25	75.60
68.60	70.00	71.40	72.80	28	74.20	75.60	77.00	78.40
71.05	72.50	73.95	75.40	29	76.85	78.30	79.75	81.20
73.50	75.00	76.50	78.00	30	79.50	81.00	82.50	84.00
75.95	77.50	79.05	80.60	31	82.15	83.70	85.25	86.80
78.40	80.00	81.60	83.20	32	84.80	86.40	88.00	89.60
80.85	82.50	84.15	85.80	33	87.45	89.10	90.75	92.40
83.30	85.00	86.70	88.40	34	90.10	91.80	93.50	95.20
85.75	87.50	89.25	91.00	35	92.75	94.50	96.25	98.00
88.20	90.00	91.80	93.60	36	95.40	97.20	99.00	100.80
90.65	92.50	94.35	96.20	37	98.05	99.90	101.75	103.60
93.10	95.00	96.90	98.80	38	100.70	102.60	104.50	106.40
95.55	97.50	99.45	101.40	39	103.35	105.30	107.25	109.20
98.00	100.00	102.00	104.00	40	106.00	108.00	110.00	112.00
100.45	102.50	104.55	106.60	41	108.65	110.70	112.75	114.80
102.90	105.00	107.10	109.20	42	111.30	113.40	115.50	117.60
105.35	107.50	109.65	111.80	43	113.95	116.10	118.25	120.40
107.80	110.00	112.20	114.40	44	116.60	118.80	121.00	123.20
110.25	112.50	114.75	117.00	45	119.25	121.50	123.75	126.00
112.70	115.00	117.30	119.60	46	121.90	124.20	126.50	128.80
115.15	117.50	119.85	122.20	47	124.55	126.90	129.25	131.60
117.60	120.00	122.40	124.80	48	127.20	129.60	132.00	134.40
120.05	122.50	124.95	127.40	49	129.85	132.30	134.75	137.20
122.50	125.00	127.50	130.00	50	132.50	135.00	137.50	140.00

2.45	2.50	2.55	2.60	Below	2.65	2.70	2.75	2.80
AMOUNT				1 M	AMOUNT			
.12	.13	.13	.13	1/4 M	.13	.14	.14	.14
.25	.25	.26	.26	1/2 M	.27	.27	.28	.28
.49	.50	.51	.52	3/4 M	.53	.54	.55	.56



# LATH AND SHINGLES.

\$2.45 to \$2.80 per M.

PRICE				No. M	PRICE			
2.45	2.50	2.55	2.60		2.65	2.70	2.75	2.80
AMOUNT					AMOUNT			
124.95	127.50	130.05	132.60	51	135.15	137.70	140.25	142.80
127.40	130.00	132.60	135.20	52	137.80	140.40	143.00	145.60
129.85	132.50	135.15	137.80	53	140.45	143.10	145.75	148.40
132.30	135.00	137.70	140.40	54	143.10	145.80	148.50	151.20
134.75	137.50	140.25	143.00	55	145.75	148.50	151.25	154.00
137.20	140.00	142.80	145.60	56	148.40	151.20	154.00	156.80
139.65	142.50	145.35	148.20	57	151.05	153.90	156.75	159.60
142.10	145.00	147.90	150.80	58	153.70	156.60	159.50	162.40
144.55	147.50	150.45	153.40	59	156.35	159.30	162.25	165.20
147.00	150.00	153.00	156.00	60	159.00	162.00	165.00	168.00
149.45	152.50	155.55	158.60	61	161.65	164.70	167.75	170.80
151.90	155.00	158.10	161.20	62	164.30	167.40	170.50	173.60
154.35	157.50	160.65	163.80	63	166.95	170.10	173.25	176.40
156.80	160.00	163.20	166.40	64	169.60	172.80	176.00	179.20
159.25	162.50	165.75	169.00	65	172.25	175.50	178.75	182.00
161.70	165.00	168.30	171.60	66	174.90	178.20	181.50	184.80
164.15	167.50	170.85	174.20	67	177.55	180.90	184.25	187.60
166.60	170.00	173.40	176.80	68	180.20	183.60	187.00	190.40
169.05	172.50	175.95	179.40	69	182.85	186.30	189.75	193.20
171.50	175.00	178.50	182.00	70	185.50	189.00	192.50	196.00
173.95	177.50	181.05	184.60	71	188.15	191.70	195.25	198.80
176.40	180.00	183.60	187.20	72	190.80	194.40	198.00	201.60
178.85	182.50	186.15	189.80	73	193.45	197.10	200.75	204.40
181.30	185.00	188.70	192.40	74	196.10	199.80	203.50	207.20
183.75	187.50	191.25	195.00	75	198.75	202.50	206.25	210.00

2.45	2.50	2.55	2.60	No. M	2.65	2.70	2.75	2.80
AMOUNT					AMOUNT			
186.20	190.00	193.80	197.60	76	201.40	205.20	209.00	212.80
188.65	192.50	196.35	200.20	77	204.05	207.90	211.75	215.60
191.10	195.00	198.90	202.80	78	206.70	210.60	214.50	218.40
193.55	197.50	201.45	205.40	79	209.35	213.30	217.25	221.20
196.00	200.00	204.00	208.00	80	212.00	216.00	220.00	224.00
198.45	202.50	206.55	210.60	81	214.65	218.70	222.75	226.80
200.90	205.00	209.10	213.20	82	217.30	221.40	225.50	229.60
203.35	207.50	211.65	215.80	83	219.95	224.10	228.25	232.40
205.80	210.00	214.20	218.40	84	222.60	226.80	231.00	235.20
208.25	212.50	216.75	221.00	85	225.25	229.50	233.75	238.00
210.70	215.00	219.30	223.60	86	227.90	232.20	236.50	240.80
213.15	217.50	221.85	226.20	87	230.55	234.90	239.25	243.60
215.60	220.00	224.40	228.80	88	233.20	237.60	242.00	246.40
218.05	222.50	226.95	231.40	89	235.85	240.30	244.75	249.20
220.50	225.00	229.50	234.00	90	238.50	243.00	247.50	252.00
222.95	227.50	232.05	236.60	91	241.15	245.70	250.25	254.80
225.40	230.00	234.60	239.20	92	243.80	248.40	253.00	257.60
227.85	232.50	237.15	241.80	93	246.45	251.10	255.75	260.40
230.30	235.00	239.70	244.40	94	249.10	253.80	258.50	263.20
232.75	237.50	242.25	247.00	95	251.75	256.50	261.25	266.00
235.20	240.00	244.80	249.60	96	254.40	259.20	264.00	268.80
237.65	242.50	247.35	252.20	97	257.05	261.90	266.75	271.60
240.10	245.00	249.90	254.80	98	259.70	264.60	269.50	274.40
242.55	247.50	252.45	257.40	99	262.35	267.30	272.25	277.20
245.00	250.00	255.00	260.00	100	265.00	270.00	275.00	280.00

2.45	2.50	2.55	2.60	Below	2.65	2.70	2.75	2.80
AMOUNT				1 M	AMOUNT			
.61	.63	.64	.65	1 M	.66	.68	.69	.7
1.23	1.25	1.28	1.30	1 M	1.33	1.35	1.38	1.4
1.84	1.88	1.91	1.95	1 M	1.99	2.03	2.06	2.1

\$2.45  
\$2.80  
\$2.85  
\$3.20  
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\$4.00  
\$4.05  
\$4.40  
\$4.45  
\$4.80  
\$4.85  
\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00  
EST.

# LATH AND SHINGLES.

\$2.85 to \$3.20 per M.

PRICE AMOUNT				No. M	PRICE AMOUNT			
2.85	2.90	2.95	3.00		3.05	3.10	3.15	3.20
2.85	2.90	2.95	3.00	1	3.05	3.10	3.15	3.20
5.70	5.80	5.90	6.00	2	6.10	6.20	6.30	6.40
8.55	8.70	8.85	9.00	3	9.15	9.30	9.45	9.60
11.40	11.60	11.80	12.00	4	12.20	12.40	12.60	12.80
14.25	14.50	14.75	15.00	5	15.25	15.50	15.75	16.00
17.10	17.40	17.70	18.00	6	18.30	18.60	18.90	19.20
19.95	20.30	20.65	21.00	7	21.35	21.70	22.05	22.40
22.80	23.20	23.60	24.00	8	24.40	24.80	25.20	25.60
25.65	26.10	26.55	27.00	9	27.45	27.90	28.35	28.80
28.50	29.00	29.50	30.00	10	30.50	31.00	31.50	32.00
31.35	31.90	32.45	33.00	11	33.55	34.10	34.65	35.20
34.20	34.80	35.40	36.00	12	36.60	37.20	37.80	38.40
37.05	37.70	38.35	39.00	13	39.65	40.30	40.95	41.60
39.90	40.60	41.30	42.00	14	42.70	43.40	44.10	44.80
42.75	43.50	44.25	45.00	15	45.75	46.50	47.25	48.00
45.60	46.40	47.20	48.00	16	48.80	49.60	50.40	51.20
48.45	49.30	50.15	51.00	17	51.85	52.70	53.55	54.40
51.30	52.20	53.10	54.00	18	54.90	55.80	56.70	57.60
54.15	55.10	56.05	57.00	19	57.95	58.90	59.85	60.80
57.00	58.00	59.00	60.00	20	61.00	62.00	63.00	64.00
59.85	60.90	61.95	63.00	21	64.05	65.10	66.15	67.20
62.70	63.80	64.90	66.00	22	67.10	68.20	69.30	70.40
65.55	66.70	67.85	69.00	23	70.15	71.30	72.45	73.60
68.40	69.60	70.80	72.00	24	73.20	74.40	75.60	76.80
71.25	72.50	73.75	75.00	25	76.25	77.50	78.75	80.00

PRICE AMOUNT				No. M	PRICE AMOUNT			
2.85	2.90	2.95	3.00		3.05	3.10	3.15	3.20
74.10	75.40	76.70	78.00	26	79.30	80.60	81.90	83.20
76.95	78.30	79.65	81.00	27	82.35	83.70	85.05	86.40
79.80	81.20	82.60	84.00	28	85.40	86.80	88.20	89.60
82.65	84.10	85.55	87.00	29	88.45	89.90	91.35	92.80
85.50	87.00	88.50	90.00	30	91.50	93.00	94.50	96.00
88.35	89.90	91.45	93.00	31	94.55	96.10	97.65	99.20
91.20	92.80	94.40	96.00	32	97.60	99.20	100.80	102.40
94.05	95.70	97.35	99.00	33	100.65	102.30	103.95	105.60
96.90	98.60	100.30	102.00	34	103.70	105.40	107.10	108.80
99.75	101.50	103.25	105.00	35	106.75	108.50	110.25	112.00
102.60	104.40	106.20	108.00	36	109.80	111.60	113.40	115.20
105.45	107.30	109.15	111.00	37	112.85	114.70	116.55	118.40
108.30	110.20	112.10	114.00	38	115.90	117.80	119.70	121.60
111.15	113.10	115.05	117.00	39	118.95	120.90	122.85	124.80
114.00	116.00	118.00	120.00	40	122.00	124.00	126.00	128.00
116.85	118.90	120.95	123.00	41	125.05	127.10	129.15	131.20
119.70	121.80	123.90	126.00	42	128.10	130.20	132.30	134.40
122.55	124.70	126.85	129.00	43	131.15	133.30	135.45	137.60
125.40	127.60	129.80	132.00	44	134.20	136.40	138.60	140.80
128.25	130.50	132.75	135.00	45	137.25	139.50	141.75	144.00
131.10	133.40	135.70	138.00	46	140.30	142.60	144.90	147.20
133.95	136.30	138.65	141.00	47	143.35	145.70	148.05	150.40
136.80	139.20	141.60	144.00	48	146.40	148.80	151.20	153.60
139.65	142.10	144.55	147.00	49	149.45	151.90	154.35	156.80
142.50	145.00	147.50	150.00	50	152.50	155.00	157.50	160.00

2.85	2.90	2.95	3.00	Below 1 M	3.05	3.10	3.15	3.20
.14	.15	.15	.15	1/20 M	.15	.16	.16	.16
.29	.29	.30	.30	1/10 M	.31	.31	.32	.32
.57	.58	.59	.60	1/5 M	.61	.62	.63	.64



# LATH AND SHINGLES.

\$2.85 to \$3.20 per M.

PRICE				No. M	PRICE			
2.85	2.90	2.95	3.00		3.05	3.10	3.15	3.20
AMOUNT					AMOUNT			
145.35	147.90	150.45	153.00	51	155.55	158.10	160.65	163.20
148.20	150.80	153.40	156.00	52	158.60	161.20	163.80	166.40
151.05	153.70	156.35	159.00	53	161.65	164.30	166.95	169.60
153.90	156.60	159.30	162.00	54	164.70	167.40	170.10	172.80
156.75	159.50	162.25	165.00	55	167.75	170.50	173.25	176.00
159.60	162.40	165.20	168.00	56	170.80	173.60	176.40	179.20
162.45	165.30	168.15	171.00	57	173.85	176.70	179.55	182.40
165.30	168.20	171.10	174.00	58	176.90	179.80	182.70	185.60
168.15	171.10	174.05	177.00	59	179.95	182.90	185.85	188.80
171.00	174.00	177.00	180.00	60	183.00	186.00	189.00	192.00
173.85	176.90	179.95	183.00	61	186.05	189.10	192.15	195.20
176.70	179.80	182.90	186.00	62	189.10	192.20	195.30	198.40
179.55	182.70	185.85	189.00	63	192.15	195.30	198.45	201.60
182.40	185.60	188.80	192.00	64	195.20	198.40	201.60	204.80
185.25	188.50	191.75	195.00	65	198.25	201.50	204.75	208.00
188.10	191.40	194.70	198.00	66	201.30	204.60	207.90	211.20
190.95	194.30	197.65	201.00	67	204.35	207.70	211.05	214.40
193.80	197.20	200.60	204.00	68	207.40	210.80	214.20	217.60
196.65	200.10	203.55	207.00	69	210.45	213.90	217.35	220.80
199.50	203.00	206.50	210.00	70	213.50	217.00	220.50	224.00
202.35	205.90	209.45	213.00	71	216.55	220.10	223.65	227.20
205.20	208.80	212.40	216.00	72	219.60	223.20	226.80	230.40
208.05	211.70	215.35	219.00	73	222.65	226.30	229.95	233.60
210.90	214.60	218.30	222.00	74	225.70	229.40	233.10	236.80
213.75	217.50	221.25	225.00	75	228.75	232.50	236.25	240.00

2.85	2.90	2.95	3.00	No. M	3.05	3.10	3.15	3.20
AMOUNT					AMOUNT			
216.60	220.40	224.20	228.00	76	231.80	235.60	239.40	243.20
219.45	223.30	227.15	231.00	77	234.85	238.70	242.55	246.40
222.30	226.20	230.10	234.00	78	237.90	241.80	245.70	249.60
225.15	229.10	233.05	237.00	79	240.95	244.90	248.85	252.80
228.00	232.00	236.00	240.00	80	244.00	248.00	252.00	256.00
230.85	234.90	238.95	243.00	81	247.05	251.10	255.15	259.20
233.70	237.80	241.90	246.00	82	250.10	254.20	258.30	262.40
236.55	240.70	244.85	249.00	83	253.15	257.30	261.45	265.60
239.40	243.60	247.80	252.00	84	256.20	260.40	264.60	268.80
242.25	246.50	250.75	255.00	85	259.25	263.50	267.75	272.00
245.10	249.40	253.70	258.00	86	262.30	266.60	270.90	275.20
247.95	252.30	256.65	261.00	87	265.35	269.70	274.05	278.40
250.80	255.20	259.60	264.00	88	268.40	272.80	277.20	281.60
253.65	258.10	262.55	267.00	89	271.45	275.90	280.35	284.80
256.50	261.00	265.50	270.00	90	274.50	279.00	283.50	288.00
259.35	263.90	268.45	273.00	91	277.55	282.10	286.65	291.20
262.20	266.80	271.40	276.00	92	280.60	285.20	289.80	294.40
265.05	269.70	274.35	279.00	93	283.65	288.30	292.95	297.60
267.90	272.60	277.30	282.00	94	286.70	291.40	296.10	300.80
270.75	275.50	280.25	285.00	95	289.75	294.50	299.25	304.00
273.60	278.40	283.20	288.00	96	292.80	297.60	302.40	307.20
276.45	281.30	286.15	291.00	97	295.85	300.70	305.55	310.40
279.30	284.20	289.10	294.00	98	298.90	303.80	308.70	313.60
282.15	287.10	292.05	297.00	99	301.95	306.90	311.85	316.80
285.00	290.00	295.00	300.00	100	305.00	310.00	315.00	320.00

2.85	2.90	2.95	3.00	Below	3.05	3.10	3.15	3.20
AMOUNT				1 M	AMOUNT			
.71	.73	.74	.75	$\frac{1}{4}$ M	.75	.78	.79	.80
1.43	1.45	1.48	1.50	$\frac{1}{2}$ M	1.53	1.55	1.58	1.60
2.14	2.18	2.21	2.25	$\frac{3}{4}$ M	2.29	2.33	2.36	2.40

\$2.85  
\$3.20

\$3.25  
\$3.60

\$3.65  
\$4.00

\$4.05  
\$4.40

\$4.45  
\$4.80

\$4.85  
\$5.20

\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$3.25 to \$3.60 per M.

PRICE				No. M	PRICE			
3.25	3.30	3.35	3.40		3.45	3.50	3.55	3.60
AMOUNT					AMOUNT			
3.25	3.30	3.35	3.40	1	3.45	3.50	3.55	3.60
6.50	6.60	6.70	6.80	2	6.90	7.00	7.10	7.20
9.75	9.90	10.05	10.20	3	10.35	10.50	10.65	10.80
13.00	13.20	13.40	13.60	4	13.80	14.00	14.20	14.40
16.25	16.50	16.75	17.00	5	17.25	17.50	17.75	18.00
19.50	19.80	20.10	20.40	6	20.70	21.00	21.30	21.60
22.75	23.10	23.45	23.80	7	24.15	24.50	24.85	25.20
26.00	26.40	26.80	27.20	8	27.60	28.00	28.40	28.80
29.25	29.70	30.15	30.60	9	31.05	31.50	31.95	32.40
32.50	33.00	33.50	34.00	10	34.50	35.00	35.50	36.00
35.75	36.30	36.85	37.40	11	37.95	38.50	39.05	39.60
39.00	39.60	40.20	40.80	12	41.40	42.00	42.60	43.20
42.25	42.90	43.55	44.20	13	44.85	45.50	46.15	46.80
45.50	46.20	46.90	47.60	14	48.30	49.00	49.70	50.40
48.75	49.50	50.25	51.00	15	51.75	52.50	53.25	54.00
52.00	52.80	53.60	54.40	16	55.20	56.00	56.80	57.60
55.25	56.10	56.95	57.80	17	58.65	59.50	60.35	61.20
58.50	59.40	60.30	61.20	18	62.10	63.00	63.90	64.80
61.75	62.70	63.65	64.60	19	65.55	66.50	67.45	68.40
65.00	66.00	67.00	68.00	20	69.00	70.00	71.00	72.00
68.25	69.30	70.35	71.40	21	72.45	73.50	74.55	75.60
71.50	72.60	73.70	74.80	22	75.90	77.00	78.10	79.20
74.75	75.90	77.05	78.20	23	79.35	80.50	81.65	82.80
78.00	79.20	80.40	81.60	24	82.80	84.00	85.20	86.40
81.25	82.50	83.75	85.00	25	86.25	87.50	88.75	90.00

3.25	3.30	3.35	3.40	No. M	3.45	3.50	3.55	3.60
AMOUNT					AMOUNT			
84.50	85.80	87.10	88.40	26	89.70	91.00	92.30	93.60
87.75	89.10	90.45	91.80	27	93.15	94.50	95.85	97.20
91.00	92.40	93.80	95.20	28	96.60	98.00	99.40	100.80
94.25	95.70	97.15	98.60	29	100.05	101.50	102.95	104.40
97.50	99.00	100.50	102.00	30	103.50	105.00	106.50	108.00
100.75	102.30	103.85	105.40	31	106.95	108.50	110.05	111.60
104.00	105.60	107.20	108.80	32	110.40	112.00	113.60	115.20
107.25	108.90	110.55	112.20	33	113.85	115.50	117.15	118.80
110.50	112.20	113.90	115.60	34	117.30	119.00	120.70	122.40
113.75	115.50	117.25	119.00	35	120.75	122.50	124.25	126.00
117.00	118.80	120.60	122.40	36	124.20	126.00	127.80	129.60
120.25	122.10	123.95	125.80	37	127.65	129.50	131.35	133.20
123.50	125.40	127.30	129.20	38	131.10	133.00	134.90	136.80
126.75	128.70	130.65	132.60	39	134.55	136.50	138.45	140.40
130.00	132.00	134.00	136.00	40	138.00	140.00	142.00	144.00
133.25	135.30	137.35	139.40	41	141.45	143.50	145.55	147.60
136.50	138.60	140.70	142.80	42	144.90	147.00	149.10	151.20
139.75	141.90	144.05	146.20	43	148.35	150.50	152.65	154.80
143.00	145.20	147.40	149.60	44	151.80	154.00	156.20	158.40
146.25	148.50	150.75	153.00	45	155.25	157.50	159.75	162.00
149.50	151.80	154.10	156.40	46	158.70	161.00	163.30	165.60
152.75	155.10	157.45	159.80	47	162.15	164.50	166.85	169.20
156.00	158.40	160.80	163.20	48	165.60	168.00	170.40	172.80
159.25	161.70	164.15	166.60	49	169.05	171.50	173.95	176.40
162.50	165.00	167.50	170.00	50	172.50	175.00	177.50	180.00

3.25	3.30	3.35	3.40	Below	3.45	3.50	3.55	3.60
AMOUNT				1 M	AMOUNT			
.16	.17	.17	.17	$\frac{1}{10}$ M	.17	.18	.18	.18
.33	.33	.34	.34	$\frac{1}{10}$ M	.35	.35	.36	.36
.65	.66	.67	.68	$\frac{1}{10}$ M	.69	.70	.71	.72



# LATH AND SHINGLES.

\$3.25 to \$3.60 per M.

PRICE				No. M	PRICE			
3.25	3.30	3.35	3.40		3.45	3.50	3.55	3.60
AMOUNT					AMOUNT			
165.75	168.30	170.85	173.40	51	175.95	178.50	181.05	183.60
169.00	171.60	174.20	176.80	52	179.40	182.00	184.60	187.20
172.25	174.90	177.55	180.20	53	182.85	185.50	188.15	190.80
175.50	178.20	180.90	183.60	54	186.30	189.00	191.70	194.40
178.75	181.50	184.25	187.00	55	189.75	192.50	195.25	198.00
182.00	184.80	187.60	190.40	56	193.20	196.00	198.80	201.60
185.25	188.10	190.95	193.80	57	196.65	199.50	202.35	205.20
188.50	191.40	194.30	197.20	58	200.10	203.00	205.90	208.80
191.75	194.70	197.65	200.60	59	203.55	206.50	209.45	212.40
195.00	198.00	201.00	204.00	60	207.00	210.00	213.00	216.00
198.25	201.30	204.35	207.40	61	210.45	213.50	216.55	219.60
201.50	204.60	207.70	210.80	62	213.90	217.00	220.10	223.20
204.75	207.90	211.05	214.20	63	217.35	220.50	223.65	226.80
208.00	211.20	214.40	217.60	64	220.80	224.00	227.20	230.40
211.25	214.50	217.75	221.00	65	224.25	227.50	230.75	234.00
214.50	217.80	221.10	224.40	66	227.70	231.00	234.30	237.60
217.75	221.10	224.45	227.80	67	231.15	234.50	237.85	241.20
221.00	224.40	227.80	231.20	68	234.60	238.00	241.40	244.80
224.25	227.70	231.15	234.60	69	238.05	241.50	244.95	248.40
227.50	231.00	234.50	238.00	70	241.50	245.00	248.50	252.00
230.75	234.30	237.85	241.40	71	244.95	248.50	252.05	255.60
234.00	237.60	241.20	244.80	72	248.40	252.00	255.60	259.20
237.25	240.90	244.55	248.20	73	251.85	255.50	259.15	262.80
240.50	244.20	247.90	251.60	74	255.30	259.00	262.70	266.40
243.75	247.50	251.25	255.00	75	258.75	262.50	266.25	270.00

3.25	3.30	3.35	3.40	No. M	3.45	3.50	3.55	3.60
AMOUNT					AMOUNT			
247.00	250.80	254.60	258.40	76	262.20	266.00	269.80	273.60
250.25	254.10	257.95	261.80	77	265.65	269.50	273.35	277.20
253.50	257.40	261.30	265.20	78	269.10	273.00	276.90	280.80
256.75	260.70	264.65	268.60	79	272.55	276.50	280.45	284.40
260.00	264.00	268.00	272.00	80	276.00	280.00	284.00	288.00
263.25	267.30	271.35	275.40	81	279.45	283.50	287.55	291.60
266.50	270.60	274.70	278.80	82	282.90	287.00	291.10	295.20
269.75	273.90	278.05	282.20	83	286.35	290.50	294.65	298.80
273.00	277.20	281.40	285.60	84	289.80	294.00	298.20	302.40
276.25	280.50	284.75	289.00	85	293.25	297.50	301.75	306.00
279.50	283.80	288.10	292.40	86	296.70	301.00	305.30	309.60
282.75	287.10	291.45	295.80	87	300.15	304.50	308.85	313.20
286.00	290.40	294.80	299.20	88	303.60	308.00	312.40	316.80
289.25	293.70	298.15	302.60	89	307.05	311.50	315.95	320.40
292.50	297.00	301.50	306.00	90	310.50	315.00	319.50	324.00
295.75	300.30	304.85	309.40	91	313.95	318.50	323.05	327.60
299.00	303.60	308.20	312.80	92	317.40	322.00	326.60	331.20
302.25	306.90	311.55	316.20	93	320.85	325.50	330.15	334.80
305.50	310.20	314.90	319.60	94	324.30	329.00	333.70	338.40
308.75	313.50	318.25	323.00	95	327.75	332.50	337.25	342.00
312.00	316.80	321.60	326.40	96	331.20	336.00	340.80	345.60
315.25	320.10	324.95	329.80	97	334.65	339.50	344.35	349.20
318.50	323.40	328.30	333.20	98	338.10	343.00	347.90	352.80
321.75	326.70	331.65	336.60	99	341.55	346.50	351.45	356.40
325.00	330.00	335.00	340.00	100	345.00	350.00	355.00	360.00

3.25	3.30	3.35	3.40	Below 1 M	3.45	3.50	3.55	3.60
AMOUNT					AMOUNT			
.81	.83	.84	.85	1 M	.86	.88	.89	.90
1.63	1.65	1.68	1.70	1 M	1.73	1.75	1.78	1.80
2.44	2.48	2.51	2.55	1 M	2.59	2.63	2.66	2.70

\$3.25  
\$3.60

\$3.65  
\$4.00

\$4.05  
\$4.40

\$4.45  
\$4.80

\$4.85  
\$5.20

\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$3.65 to \$4.00 per M.

PRICE				No. M	PRICE			
3.65	3.70	3.75	3.80		3.85	3.90	3.95	4.00
AMOUNT					AMOUNT			
3.65	3.70	3.75	3.80	1	3.85	3.90	3.95	4.00
7.30	7.40	7.50	7.60	2	7.70	7.80	7.90	8.00
10.95	11.10	11.25	11.40	3	11.55	11.70	11.85	12.00
14.60	14.80	15.00	15.20	4	15.40	15.60	15.80	16.00
18.25	18.50	18.75	19.00	5	19.25	19.50	19.75	20.00
21.90	22.20	22.50	22.80	6	23.10	23.40	23.70	24.00
25.55	25.90	26.25	26.60	7	26.95	27.30	27.65	28.00
29.20	29.60	30.00	30.40	8	30.80	31.20	31.60	32.00
32.85	33.30	33.75	34.20	9	34.65	35.10	35.55	36.00
36.50	37.00	37.50	38.00	10	38.50	39.00	39.50	40.00
40.15	40.70	41.25	41.80	11	42.35	42.90	43.45	44.00
43.80	44.40	45.00	45.60	12	46.20	46.80	47.40	48.00
47.45	48.10	48.75	49.40	13	50.05	50.70	51.35	52.00
51.10	51.80	52.50	53.20	14	53.90	54.60	55.30	56.00
54.75	55.50	56.25	57.00	15	57.75	58.50	59.25	60.00
58.40	59.20	60.00	60.80	16	61.60	62.40	63.20	64.00
62.05	62.90	63.75	64.60	17	65.45	66.30	67.15	68.00
65.70	66.60	67.50	68.40	18	69.30	70.20	71.10	72.00
69.35	70.30	71.25	72.20	19	73.15	74.10	75.05	76.00
73.00	74.00	75.00	76.00	20	77.00	78.00	79.00	80.00
76.65	77.70	78.75	79.80	21	80.85	81.90	82.95	84.00
80.30	81.40	82.50	83.60	22	84.70	85.80	86.90	88.00
83.95	85.10	86.25	87.40	23	88.55	89.70	90.85	92.00
87.60	88.80	90.00	91.20	24	92.40	93.60	94.80	96.00
91.25	92.50	93.75	95.00	25	96.25	97.50	98.75	100.00

3.65	3.70	3.75	3.80	No. 1	3.85	3.90	3.95	4.00
AMOUNT					AMOUNT			
94.90	96.20	97.50	98.80	26	100.10	101.40	102.70	104.00
98.55	99.90	101.25	102.60	27	103.95	105.30	106.65	108.00
102.20	103.60	105.00	106.40	28	107.80	109.20	110.60	112.00
105.85	107.30	108.75	110.20	29	111.65	113.10	114.55	116.00
109.50	111.00	112.50	114.00	30	115.50	117.00	118.50	120.00
113.15	114.70	116.25	117.80	31	119.35	120.90	122.45	124.00
116.80	118.40	120.00	121.60	32	123.20	124.80	126.40	128.00
120.45	122.10	123.75	125.40	33	127.05	128.70	130.35	132.00
124.10	125.80	127.50	129.20	34	130.90	132.60	134.30	136.00
127.75	129.50	131.25	133.00	35	134.75	136.50	138.25	140.00
131.40	133.20	135.00	136.80	36	138.60	140.40	142.20	144.00
135.05	136.90	138.75	140.60	37	142.45	144.30	146.15	148.00
138.70	140.60	142.50	144.40	38	146.30	148.20	150.10	152.00
142.35	144.30	146.25	148.20	39	150.15	152.10	154.05	156.00
146.00	148.00	150.00	152.00	40	154.00	156.00	158.00	160.00
149.65	151.70	153.75	155.80	41	157.85	159.90	161.95	164.00
153.30	155.40	157.50	159.60	42	161.70	163.80	165.90	168.00
156.95	159.10	161.25	163.40	43	165.55	167.70	169.85	172.00
160.60	162.80	165.00	167.20	44	169.40	171.60	173.80	176.00
164.25	166.50	168.75	171.00	45	173.25	175.50	177.75	180.00
167.90	170.20	172.50	174.80	46	177.10	179.40	181.70	184.00
171.55	173.90	176.25	178.60	47	180.95	183.30	185.65	188.00
175.20	177.60	180.00	182.40	48	184.80	187.20	189.60	192.00
178.85	181.30	183.75	186.20	49	188.65	191.10	193.55	196.00
182.50	185.00	187.50	190.00	50	192.50	195.00	197.50	200.00

3.65	3.70	3.75	3.80	Below	3.85	3.90	3.95	4.00
AMOUNT				1 M	AMOUNT			
00.18	00.19	00.19	00.19	20 M	00.19	00.20	00.20	00.20
00.37	00.37	00.38	00.38	20 M	00.39	00.39	00.40	00.40
00.73	00.74	00.75	00.76	20 M	00.77	00.78	00.79	00.80



# LATH AND SHINGLES.

\$3.65 to \$4.00 per M.

PRICE				No. M	PRICE			
3.65	3.70	3.75	3.80		3.85	3.90	3.95	4.00
AMOUNT					AMOUNT			
186.15	188.70	191.25	193.80	51	196.35	198.90	201.45	204.00
189.80	192.40	195.00	197.60	52	200.20	202.80	205.40	208.00
193.45	196.10	198.75	201.40	53	204.05	206.70	209.35	212.00
197.10	199.80	202.50	205.20	54	207.90	210.60	213.30	216.00
200.75	203.50	206.25	209.00	55	211.75	214.50	217.25	220.00
204.40	207.20	210.00	212.80	56	215.60	218.40	221.20	224.00
208.05	210.90	213.75	216.60	57	219.45	222.30	225.15	228.00
211.70	214.60	217.50	220.40	58	223.30	226.20	229.10	232.00
215.35	218.30	221.25	224.20	59	227.15	230.10	233.05	236.00
219.00	222.00	225.00	228.00	60	231.00	234.00	237.00	240.00
222.65	225.70	228.75	231.80	61	234.85	237.90	240.95	244.00
226.30	229.40	232.50	235.60	62	238.70	241.80	244.90	248.00
229.95	233.10	236.25	239.40	63	242.55	245.70	248.85	252.00
233.60	236.80	240.00	243.20	64	246.40	249.60	252.80	256.00
237.25	240.50	243.75	247.00	65	250.25	253.50	256.75	260.00
240.90	244.20	247.50	250.80	66	254.10	257.40	260.70	264.00
244.55	247.90	251.25	254.60	67	257.95	261.30	264.65	268.00
248.20	251.60	255.00	258.40	68	261.80	265.20	268.60	272.00
251.85	255.30	258.75	262.20	69	265.65	269.10	272.55	276.00
255.50	259.00	262.50	266.00	70	269.50	273.00	276.50	280.00
259.15	262.70	266.25	269.80	71	273.35	276.90	280.45	284.00
262.80	266.40	270.00	273.60	72	277.20	280.80	284.40	288.00
266.45	270.10	273.75	277.40	73	281.05	284.70	288.35	292.00
270.10	273.80	277.50	281.20	74	284.90	288.60	292.30	296.00
273.75	277.50	281.25	285.00	75	288.75	292.50	296.25	300.00

PRICE				No. M	PRICE			
3.65	3.70	3.75	3.80		3.85	3.90	3.95	4.00
AMOUNT					AMOUNT			
277.40	281.20	285.00	288.80	76	292.60	296.40	300.20	304.00
281.05	284.90	288.75	292.60	77	296.45	300.30	304.15	308.00
284.70	288.60	292.50	296.40	78	300.30	304.20	308.10	312.00
288.35	292.30	296.25	300.20	79	304.15	308.10	312.05	316.00
292.00	296.00	300.00	304.00	80	308.00	312.00	316.00	320.00
295.65	299.70	303.75	307.80	81	311.85	315.90	319.95	324.00
299.30	303.40	307.50	311.60	82	315.70	319.80	323.90	328.00
302.95	307.10	311.25	315.40	83	319.55	323.70	327.85	332.00
306.60	310.80	315.00	319.20	84	323.40	327.60	331.80	336.00
310.25	314.50	318.75	323.00	85	327.25	331.50	335.75	340.00
313.90	318.20	322.50	326.80	86	331.10	335.40	339.70	344.00
317.55	321.90	326.25	330.60	87	334.95	339.30	343.65	348.00
321.20	325.60	330.00	334.40	88	338.80	343.20	347.60	352.00
324.85	329.30	333.75	338.20	89	342.65	347.10	351.55	356.00
328.50	333.00	337.50	342.00	90	346.50	351.00	355.50	360.00
332.15	336.70	341.25	345.80	91	350.35	354.90	359.45	364.00
335.80	340.40	345.00	349.60	92	354.20	358.80	363.40	368.00
339.45	344.10	348.75	353.40	93	358.05	362.70	367.35	372.00
343.10	347.80	352.50	357.20	94	361.90	366.60	371.30	376.00
346.75	351.50	356.25	361.00	95	365.75	370.50	375.25	380.00
350.40	355.20	360.00	364.80	96	369.60	374.40	379.20	384.00
354.05	358.90	363.75	368.60	97	373.45	378.30	383.15	388.00
357.70	362.60	367.50	372.40	98	377.30	382.20	387.10	392.00
361.35	366.30	371.25	376.20	99	381.15	386.10	391.05	396.00
365.00	370.00	375.00	380.00	100	385.00	390.00	395.00	400.00

PRICE				Below 1 M	PRICE			
3.65	3.70	3.75	3.80		3.85	3.90	3.95	4.00
AMOUNT					AMOUNT			
.91	.93	.94	.95	1/4 M	.96	.98	.99	1.00
1.83	1.85	1.88	1.90	1/2 M	1.93	1.95	1.98	2.00
2.74	2.78	2.81	2.85	3/4 M	2.89	2.93	2.96	3.00

((359))

\$3.65  
\$4.00

\$4.05  
\$4.40

\$4.45  
\$4.80

\$4.85  
\$5.20  
\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$4.05 to \$4.40 per M.

PRICE				No. M	PRICE			
4.05	4.10	4.15	4.20		4.25	4.30	4.35	4.40
AMOUNT					AMOUNT			
4.05	4.10	4.15	4.20	1	4.25	4.30	4.35	4.40
8.10	8.20	8.30	8.40	2	8.50	8.60	8.70	8.80
12.15	12.30	12.45	12.60	3	12.75	12.90	13.05	13.20
16.20	16.40	16.60	16.80	4	17.00	17.20	17.40	17.60
20.25	20.50	20.75	21.00	5	21.25	21.50	21.75	22.00
24.30	24.60	24.90	25.20	6	25.50	25.80	26.10	26.40
28.35	28.70	29.05	29.40	7	29.75	30.10	30.45	30.80
32.40	32.80	33.20	33.60	8	34.00	34.40	34.80	35.20
36.45	36.90	37.35	37.80	9	38.25	38.70	39.15	39.60
40.50	41.00	41.50	42.00	10	42.50	43.00	43.50	44.00
44.55	45.10	45.65	46.20	11	46.75	47.30	47.85	48.40
48.60	49.20	49.80	50.40	12	51.00	51.60	52.20	52.80
52.65	53.30	53.95	54.60	13	55.25	55.90	56.55	57.20
56.70	57.40	58.10	58.80	14	59.50	60.20	60.90	61.60
60.75	61.50	62.25	63.00	15	63.75	64.50	65.25	66.00
64.80	65.60	66.40	67.20	16	68.00	68.80	69.60	70.40
68.85	69.70	70.55	71.40	17	72.25	73.10	73.95	74.80
72.90	73.80	74.70	75.60	18	76.50	77.40	78.30	79.20
76.95	77.90	78.85	79.80	19	80.75	81.70	82.65	83.60
81.00	82.00	83.00	84.00	20	85.00	86.00	87.00	88.00
85.05	86.10	87.15	88.20	21	89.25	90.30	91.35	92.40
89.10	90.20	91.30	92.40	22	93.50	94.60	95.70	96.80
93.15	94.30	95.45	96.60	23	97.75	98.90	100.05	101.20
97.20	98.40	99.60	100.80	24	102.00	103.20	104.40	105.60
101.25	102.50	103.75	105.00	25	106.25	107.50	108.75	110.00

4.05	4.10	4.15	4.20	No. M	4.25	4.30	4.35	4.40
AMOUNT					AMOUNT			
105.30	106.60	107.90	109.20	26	110.50	111.80	113.10	114.40
109.35	110.70	112.05	113.40	27	114.75	116.10	117.45	118.80
113.40	114.80	116.20	117.60	28	119.00	120.40	121.80	123.20
117.45	118.90	120.35	121.80	29	123.25	124.70	126.15	127.60
121.50	123.00	124.50	126.00	30	127.50	129.00	130.50	132.00
125.55	127.10	128.65	130.20	31	131.75	133.30	134.85	136.40
129.60	131.20	132.80	134.40	32	136.00	137.60	139.20	140.80
133.65	135.30	136.95	138.60	33	140.25	141.90	143.55	145.20
137.70	139.40	141.10	142.80	34	144.50	146.20	147.90	149.60
141.75	143.50	145.25	147.00	35	148.75	150.50	152.25	154.00
145.80	147.60	149.40	151.20	36	153.00	154.80	156.60	158.40
149.85	151.70	153.55	155.40	37	157.25	159.10	160.95	162.80
153.90	155.80	157.70	159.60	38	161.50	163.40	165.30	167.20
157.95	159.90	161.85	163.80	39	165.75	167.70	169.65	171.60
162.00	164.00	166.00	168.00	40	170.00	172.00	174.00	176.00
166.05	168.10	170.15	172.20	41	174.25	176.30	178.35	180.40
170.10	172.20	174.30	176.40	42	178.50	180.60	182.70	184.80
174.15	176.30	178.45	180.60	43	182.75	184.90	187.05	189.20
178.20	180.40	182.60	184.80	44	187.00	189.20	191.40	193.60
182.25	184.50	186.75	189.00	45	191.25	193.50	195.75	198.00
186.30	188.60	190.90	193.20	46	195.50	197.80	200.10	202.40
190.35	192.70	195.05	197.40	47	199.75	202.10	204.45	206.80
194.40	196.80	199.20	201.60	48	204.00	206.40	208.80	211.20
198.45	200.90	203.35	205.80	49	208.25	210.70	213.15	215.60
202.50	205.00	207.50	210.00	50	212.50	215.00	217.50	220.00

4.05	4.10	4.15	4.20	Below	4.25	4.30	4.35	4.40
AMOUNT				1 N	AMOUNT			
.20	.21	.21	.21	$\frac{1}{2}$ M	.21	.22	.22	.22
.41	.41	.42	.42	$\frac{1}{4}$ M	.43	.43	.44	.44
.81	.82	.83	.84	$\frac{1}{2}$ M	.85	.86	.87	.88



# LATH AND SHINGLES.

\$4.05 to \$4.40 per M.

PRICE				No. M	PRICE			
4.05	4.10	4.15	4.20		4.25	4.30	4.35	4.40
AMOUNT					AMOUNT			
206.55	209.10	211.65	214.20	51	216.75	219.30	221.85	224.40
210.60	213.20	215.80	218.40	52	221.00	223.60	226.20	228.80
214.65	217.30	219.95	222.60	53	225.25	227.90	230.55	233.20
218.70	221.40	224.10	226.80	54	229.50	232.20	234.90	237.60
222.75	225.50	228.25	231.00	55	233.75	236.50	239.25	242.00
226.80	229.60	232.40	235.20	56	238.00	240.80	243.60	246.40
230.85	233.70	236.55	239.40	57	242.25	245.10	247.95	250.80
234.90	237.80	240.70	243.60	58	246.50	249.40	252.30	255.20
238.95	241.90	244.85	247.80	59	250.75	253.70	256.65	259.60
243.00	246.00	249.00	252.00	60	255.00	258.00	261.00	264.00
247.05	250.10	253.15	256.20	61	259.25	262.30	265.35	268.40
251.10	254.20	257.30	260.40	62	263.50	266.60	269.70	272.80
255.15	258.30	261.45	264.60	63	267.75	270.90	274.05	277.20
259.20	262.40	265.60	268.80	64	272.00	275.20	278.40	281.60
263.25	266.50	269.75	273.00	65	276.25	279.50	282.75	286.00
267.30	270.60	273.90	277.20	66	280.50	283.80	287.10	290.40
271.35	274.70	278.05	281.40	67	284.75	288.10	291.45	294.80
275.40	278.80	282.20	285.60	68	289.00	292.40	295.80	299.20
279.45	282.90	286.35	289.80	69	293.25	296.70	300.15	303.60
283.50	287.00	290.50	294.00	70	297.50	301.00	304.50	308.00
287.55	291.10	294.65	298.20	71	301.75	305.30	308.85	312.40
291.60	295.20	298.80	302.40	72	306.00	309.60	313.20	316.80
295.65	299.30	302.95	306.60	73	310.25	313.90	317.55	321.20
299.70	303.40	307.10	310.80	74	314.50	318.20	321.90	325.60
303.75	307.50	311.25	315.00	75	318.75	322.50	326.25	330.00

4.05	4.10	4.15	4.20	No. M	4.25	4.30	4.35	4.40
AMOUNT					AMOUNT			
307.80	311.60	315.40	319.20	76	323.00	326.80	330.60	334.40
311.85	315.70	319.55	323.40	77	327.25	331.10	334.95	338.80
315.90	319.80	323.70	327.60	78	331.50	335.40	339.30	343.20
319.95	323.90	327.85	331.80	79	335.75	339.70	343.65	347.60
324.00	328.00	332.00	336.00	80	340.00	344.00	348.00	352.00
328.05	332.10	336.15	340.20	81	344.25	348.30	352.35	356.40
332.10	336.20	340.30	344.40	82	348.50	352.60	356.70	360.80
336.15	340.30	344.45	348.60	83	352.75	356.90	361.05	365.20
340.20	344.40	348.60	352.80	84	357.00	361.20	365.40	369.60
344.25	348.50	352.75	357.00	85	361.25	365.50	369.75	374.00
348.30	352.60	356.90	361.20	86	365.50	369.80	374.10	378.40
352.35	356.70	361.05	365.40	87	369.75	374.10	378.45	382.80
356.40	360.80	365.20	369.60	88	374.00	378.40	382.80	387.20
360.45	364.90	369.35	373.80	89	378.25	382.70	387.15	391.60
364.50	369.00	373.50	378.00	90	382.50	387.00	391.50	396.00
368.55	373.10	377.65	382.20	91	386.75	391.30	395.85	400.40
372.60	377.20	381.80	386.40	92	391.00	395.60	400.20	404.80
376.65	381.30	385.95	390.60	93	395.25	399.90	404.55	409.20
380.70	385.40	390.10	394.80	94	399.50	404.20	408.90	413.60
384.75	389.50	394.25	399.00	95	403.75	408.50	413.25	418.00
388.80	393.60	398.40	403.20	96	408.00	412.80	417.60	422.40
392.85	397.70	402.55	407.40	97	412.25	417.10	421.95	426.80
396.90	401.80	406.70	411.60	98	416.50	421.40	426.30	431.20
400.95	405.90	410.85	415.80	99	420.75	425.70	430.65	435.60
405.00	410.00	415.00	420.00	100	425.00	430.00	435.00	440.00

4.05	4.10	4.15	4.20	Below	4.25	4.30	4.35	4.40
AMOUNT				1 M	AMOUNT			
1.01	1.03	1.04	1.05	1 1/4 M	1.06	1.08	1.09	1.10
2.03	2.05	2.08	2.10	1 1/2 M	2.13	2.15	2.18	2.20
3.04	3.08	3.11	3.15	1 3/4 M	3.19	3.23	3.26	3.30

\$4.05  
\$4.40

\$4.45  
\$4.80

\$4.85  
\$5.20  
\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$4.45 to \$4.80 per M.

PRICE				No. M	PRICE			
4.45	4.50	4.55	4.60		4.65	4.70	4.75	4.80
AMOUNT					AMOUNT			
4.45	4.50	4.55	4.60	1	4.65	4.70	4.75	4.80
8.90	9.00	9.10	9.20	2	9.30	9.40	9.50	9.60
13.35	13.50	13.65	13.80	3	13.95	14.10	14.25	14.40
17.80	18.00	18.20	18.40	4	18.60	18.80	19.00	19.20
22.25	22.50	22.75	23.00	5	23.25	23.50	23.75	24.00
26.70	27.00	27.30	27.60	6	27.90	28.20	28.50	28.80
31.15	31.50	31.85	32.20	7	32.55	32.90	33.25	33.60
35.60	36.00	36.40	36.80	8	37.20	37.60	38.00	38.40
40.05	40.50	40.95	41.40	9	41.85	42.30	42.75	43.20
44.50	45.00	45.50	46.00	10	46.50	47.00	47.50	48.00
48.95	49.50	50.05	50.60	11	51.15	51.70	52.25	52.80
53.40	54.00	54.60	55.20	12	55.80	56.40	57.00	57.60
57.85	58.50	59.15	59.80	13	60.45	61.10	61.75	62.40
62.30	63.00	63.70	64.40	14	65.10	65.80	66.50	67.20
66.75	67.50	68.25	69.00	15	69.75	70.50	71.25	72.00
71.20	72.00	72.80	73.60	16	74.40	75.20	76.00	76.80
75.65	76.50	77.35	78.20	17	79.05	79.90	80.75	81.60
80.10	81.00	81.90	82.80	18	83.70	84.60	85.50	86.40
84.55	85.50	86.45	87.40	19	88.35	89.30	90.25	91.20
89.00	90.00	91.00	92.00	20	93.00	94.00	95.00	96.00
93.45	94.50	95.55	96.60	21	97.65	98.70	99.75	100.80
97.90	99.00	100.10	101.20	22	102.30	103.40	104.50	105.60
102.35	103.50	104.65	105.80	23	106.95	108.10	109.25	110.40
106.80	108.00	109.20	110.40	24	111.60	112.80	114.00	115.20
111.25	112.50	113.75	115.00	25	116.25	117.50	118.75	120.00

PRICE				No. M	PRICE			
4.45	4.50	4.55	4.60		4.65	4.70	4.75	4.80
AMOUNT					AMOUNT			
115.70	117.00	118.30	119.60	26	120.90	122.20	123.50	124.80
120.15	121.50	122.85	124.20	27	125.55	126.90	128.25	129.60
124.60	126.00	127.40	128.80	28	130.20	131.60	133.00	134.40
129.05	130.50	131.95	133.40	29	134.85	136.30	137.75	139.20
133.50	135.00	136.50	138.00	30	139.50	141.00	142.50	144.00
137.95	139.50	141.05	142.60	31	144.15	145.70	147.25	148.80
142.40	144.00	145.60	147.20	32	148.80	150.40	152.00	153.60
146.85	148.50	150.15	151.80	33	153.45	155.10	156.75	158.40
151.30	153.00	154.70	156.40	34	158.10	159.80	161.50	163.20
155.75	157.50	159.25	161.00	35	162.75	164.50	166.25	168.00
160.20	162.00	163.80	165.60	36	167.40	169.20	171.00	172.80
164.65	166.50	168.35	170.20	37	172.05	173.90	175.75	177.60
169.10	171.00	172.90	174.80	38	176.70	178.60	180.50	182.40
173.55	175.50	177.45	179.40	39	181.35	183.30	185.25	187.20
178.00	180.00	182.00	184.00	40	186.00	188.00	190.00	192.00
182.45	184.50	186.55	188.60	41	190.65	192.70	194.75	196.80
186.90	189.00	191.10	193.20	42	195.30	197.40	199.50	201.60
191.35	193.50	195.65	197.80	43	199.95	202.10	204.25	206.40
195.80	198.00	200.20	202.40	44	204.60	206.80	209.00	211.20
200.25	202.50	204.75	207.00	45	209.25	211.50	213.75	216.00
204.70	207.00	209.30	211.60	46	213.90	216.20	218.50	220.80
209.15	211.50	213.85	216.20	47	218.55	220.90	223.25	225.60
213.60	216.00	218.40	220.80	48	223.20	225.60	228.00	230.40
218.05	220.50	222.95	225.40	49	227.85	230.30	232.75	235.20
222.50	225.00	227.50	230.00	50	232.50	235.00	237.50	240.00

4.45	4.50	4.55	4.60	Below 1 M	4.65	4.70	4.75	4.80
AMOUNT					AMOUNT			
.22	.23	.23	.23	$\frac{1}{30}$ M	.23	.24	.24	.24
.45	.45	.46	.46	$\frac{1}{15}$ M	.47	.47	.48	.48
.89	.90	.91	.92	$\frac{1}{8}$ M	.93	.94	.95	.96



# LATH AND SHINGLES.

\$4.45 to \$4.80 per M.

PRICE				No. M	PRICE			
4.45	4.50	4.55	4.60		4.65	4.70	4.75	4.80
AMOUNT					AMOUNT			
226.95	229.50	232.05	234.60	51	237.15	239.70	242.25	244.80
231.40	234.00	236.60	239.20	52	241.80	244.40	247.00	249.60
235.85	238.50	241.15	243.80	53	246.45	249.10	251.75	254.40
240.30	243.00	245.70	248.40	54	251.10	253.80	256.50	259.20
244.75	247.50	250.25	253.00	55	255.75	258.50	261.25	264.00
249.20	252.00	254.80	257.60	56	260.40	263.20	266.00	268.80
253.65	256.50	259.35	262.20	57	265.05	267.90	270.75	273.60
258.10	261.00	263.90	266.80	58	269.70	272.60	275.50	278.40
262.55	265.50	268.45	271.40	59	274.35	277.30	280.25	283.20
267.00	270.00	273.00	276.00	60	279.00	282.00	285.00	288.00
271.45	274.50	277.55	280.60	61	283.65	286.70	289.75	292.80
275.90	279.00	282.10	285.20	62	288.30	291.40	294.50	297.60
280.35	283.50	286.65	289.80	63	292.95	296.10	299.25	302.40
284.80	288.00	291.20	294.40	64	297.60	300.80	304.00	307.20
289.25	292.50	295.75	299.00	65	302.25	305.50	308.75	312.00
293.70	297.00	300.30	303.60	66	306.90	310.20	313.50	316.80
298.15	301.50	304.85	308.20	67	311.55	314.90	318.25	321.60
302.60	306.00	309.40	312.80	68	316.20	319.60	323.00	326.40
307.05	310.50	313.95	317.40	69	320.85	324.30	327.75	331.20
311.50	315.00	318.50	322.00	70	325.50	329.00	332.50	336.00
315.95	319.50	323.05	326.60	71	330.15	333.70	337.25	340.80
320.40	324.00	327.60	331.20	72	334.80	338.40	342.00	345.60
324.85	328.50	332.15	335.80	73	339.45	343.10	346.75	350.40
329.30	333.00	336.70	340.40	74	344.10	347.80	351.50	355.20
333.75	337.50	341.25	345.00	75	348.75	352.50	356.25	360.00

4.45	4.50	4.55	4.60	No. M	4.65	4.70	4.75	4.80
AMOUNT					AMOUNT			
338.20	342.00	345.80	349.60	76	353.40	357.20	361.00	364.80
342.65	346.50	350.35	354.20	77	358.05	361.90	365.75	369.60
347.10	351.00	354.90	358.80	78	362.70	366.60	370.50	374.40
351.55	355.50	359.45	363.40	79	367.35	371.30	375.25	379.20
356.00	360.00	364.00	368.00	80	372.00	376.00	380.00	384.00
360.45	364.50	368.55	372.60	81	376.65	380.70	384.75	388.80
364.90	369.00	373.10	377.20	82	381.30	385.40	389.50	393.60
369.35	373.50	377.65	381.80	83	385.95	390.10	394.25	398.40
373.80	378.00	382.20	386.40	84	390.60	394.80	399.00	403.20
378.25	382.50	386.75	391.00	85	395.25	399.50	403.75	408.00
382.70	387.00	391.30	395.60	86	399.90	404.20	408.50	412.80
387.15	391.50	395.85	400.20	87	404.55	408.90	413.25	417.60
391.60	396.00	400.40	404.80	88	409.20	413.60	418.00	422.40
396.05	400.50	404.95	409.40	89	413.85	418.30	422.75	427.20
400.50	405.00	409.50	414.00	90	418.50	423.00	427.50	432.00
404.95	409.50	414.05	418.60	91	423.15	427.70	432.25	436.80
409.40	414.00	418.60	423.20	92	427.80	432.40	437.00	441.60
413.85	418.50	423.15	427.80	93	432.45	437.10	441.75	446.40
418.30	423.00	427.70	432.40	94	437.10	441.80	446.50	451.20
422.75	427.50	432.25	437.00	95	441.75	446.50	451.25	456.00
427.20	432.00	436.80	441.60	96	446.40	451.20	456.00	460.80
431.65	436.50	441.35	446.20	97	451.05	455.90	460.75	465.60
436.10	441.00	445.90	450.80	98	455.70	460.60	465.50	470.40
440.55	445.50	450.45	455.40	99	460.35	465.30	470.25	475.20
445.00	450.00	455.00	460.00	100	465.00	470.00	475.00	480.00

4.45	4.50	4.55	4.60	Below 1 M	4.65	4.70	4.75	4.80
AMOUNT					AMOUNT			
1.11	1.13	1.14	1.15	$\frac{1}{4}$ M	1.16	1.18	1.19	1.20
2.23	2.25	2.28	2.30	$\frac{1}{2}$ M	2.33	2.35	2.38	2.40
3.34	3.38	3.41	3.45	$\frac{3}{4}$ M	3.49	3.53	3.56	3.60

\$4.45  
\$4.80

\$4.85  
\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$4.85 to \$5.20 per M.

PRICE				No. M	PRICE			
4.85	4.90	4.95	5.00		5.05	5.10	5.15	5.20
AMOUNT					AMOUNT			
4.85	4.90	4.95	5.00	1	5.05	5.10	5.15	5.20
9.70	9.80	9.90	10.00	2	10.10	10.20	10.30	10.40
14.55	14.70	14.85	15.00	3	15.15	15.30	15.45	15.60
19.40	19.60	19.80	20.00	4	20.20	20.40	20.60	20.80
24.25	24.50	24.75	25.00	5	25.25	25.50	25.75	26.00
29.10	29.40	29.70	30.00	6	30.30	30.60	30.90	31.20
33.95	34.30	34.65	35.00	7	35.35	35.70	36.05	36.40
38.80	39.20	39.60	40.00	8	40.40	40.80	41.20	41.60
43.65	44.10	44.55	45.00	9	45.45	45.90	46.35	46.80
48.50	49.00	49.50	50.00	10	50.50	51.00	51.50	52.00
53.35	53.90	54.45	55.00	11	55.55	56.10	56.65	57.20
58.20	58.80	59.40	60.00	12	60.60	61.20	61.80	62.40
63.05	63.70	64.35	65.00	13	65.65	66.30	66.95	67.60
67.90	68.60	69.30	70.00	14	70.70	71.40	72.10	72.80
72.75	73.50	74.25	75.00	15	75.75	76.50	77.25	78.00
77.60	78.40	79.20	80.00	16	80.80	81.60	82.40	83.20
82.45	83.30	84.15	85.00	17	85.85	86.70	87.55	88.40
87.30	88.20	89.10	90.00	18	90.90	91.80	92.70	93.60
92.15	93.10	94.05	95.00	19	95.95	96.90	97.85	98.80
97.00	98.00	99.00	100.00	20	101.00	102.00	103.00	104.00
101.85	102.90	103.95	105.00	21	106.05	107.10	108.15	109.20
106.70	107.80	108.90	110.00	22	111.10	112.20	113.30	114.40
111.55	112.70	113.85	115.00	23	116.15	117.30	118.45	119.60
116.40	117.60	118.80	120.00	24	121.20	122.40	123.60	124.80
121.25	122.50	123.75	125.00	25	126.25	127.50	128.75	130.00

4.85	4.90	4.95	5.00	No. M	5.05	5.10	5.15	5.20
AMOUNT					AMOUNT			
126.10	127.40	128.70	130.00	26	131.30	132.60	133.90	135.20
130.95	132.30	133.65	135.00	27	136.35	137.70	139.05	140.40
135.80	137.20	138.60	140.00	28	141.40	142.80	144.20	145.60
140.65	142.10	143.55	145.00	29	146.45	147.90	149.35	150.80
145.50	147.00	148.50	150.00	30	151.50	153.00	154.50	156.00
150.35	151.90	153.45	155.00	31	156.55	158.10	159.65	161.20
155.20	156.80	158.40	160.00	32	161.60	163.20	164.80	166.40
160.05	161.70	163.35	165.00	33	166.65	168.30	169.95	171.60
164.90	166.60	168.30	170.00	34	171.70	173.40	175.10	176.80
169.75	171.50	173.25	175.00	35	176.75	178.50	180.25	182.00
174.60	176.40	178.20	180.00	36	181.80	183.60	185.40	187.20
179.45	181.30	183.15	185.00	37	186.85	188.70	190.55	192.40
184.30	186.20	188.10	190.00	38	191.90	193.80	195.70	197.60
189.15	191.10	193.05	195.00	39	196.95	198.90	200.85	202.80
194.00	196.00	198.00	200.00	40	202.00	204.00	206.00	208.00
198.85	200.90	202.95	205.00	41	207.05	209.10	211.15	213.20
203.70	205.80	207.90	210.00	42	212.10	214.20	216.30	218.40
208.55	210.70	212.85	215.00	43	217.15	219.30	221.45	223.60
213.40	215.60	217.80	220.00	44	222.20	224.40	226.60	228.80
218.25	220.50	222.75	225.00	45	227.25	229.50	231.75	234.00
223.10	225.40	227.70	230.00	46	232.30	234.60	236.90	239.20
227.95	230.30	232.65	235.00	47	237.35	239.70	242.05	244.40
232.80	235.20	237.60	240.00	48	242.40	244.80	247.20	249.60
237.65	240.10	242.55	245.00	49	247.45	249.90	252.35	254.80
242.50	245.00	247.50	250.00	50	252.50	255.00	257.50	260.00

4.85	4.90	4.95	5.00	Below	5.05	5.10	5.15	5.20
AMOUNT				1 M	AMOUNT			
0.24	.25	.25	.25	1 1/2 M	.25	.25	.26	.26
0.49	.49	.50	.50	1 3/4 M	.51	.51	.52	.52
0.97	.98	.99	1.00	1 1/2 M	1.06	1.07	1.08	1.09



# LATH AND SHINGLES.

\$4.85 to \$5.20 per M.

PRICE				No. M	PRICE			
4.85	4.90	4.95	5.00		5.05	5.10	5.15	5.20
AMOUNT				AMOUNT				
247.35	249.90	252.45	255.00	51	257.55	260.10	262.65	265.20
252.20	254.80	257.40	260.00	52	262.60	265.20	267.80	270.40
257.05	259.70	262.35	265.00	53	267.65	270.30	272.95	275.60
261.90	264.60	267.30	270.00	54	272.70	275.40	278.10	280.80
266.75	269.50	272.25	275.00	55	277.75	280.50	283.25	286.00
271.60	274.40	277.20	280.00	56	282.80	285.60	288.40	291.20
276.45	279.30	282.15	285.00	57	287.85	290.70	293.55	296.40
281.30	284.20	287.10	290.00	58	292.90	295.80	298.70	301.60
286.15	289.10	292.05	295.00	59	297.95	300.90	303.85	306.80
291.00	294.00	297.00	300.00	60	303.00	306.00	309.00	312.00
295.85	298.90	301.95	305.00	61	308.05	311.10	314.15	317.20
300.70	303.80	306.90	310.00	62	313.10	316.20	319.30	322.40
305.55	308.70	311.85	315.00	63	318.15	321.30	324.45	327.60
310.40	313.60	316.80	320.00	64	323.20	326.40	329.60	332.80
315.25	318.50	321.75	325.00	65	328.25	331.50	334.75	338.00
320.10	323.40	326.70	330.00	66	333.30	336.60	339.90	343.20
324.95	328.30	331.65	335.00	67	338.35	341.70	345.05	348.40
329.80	333.20	336.60	340.00	68	343.40	346.80	350.20	353.60
334.65	338.10	341.55	345.00	69	348.45	351.90	355.35	358.80
339.50	343.00	346.50	350.00	70	353.50	357.00	360.50	364.00
344.35	347.90	351.45	355.00	71	358.55	362.10	365.65	369.20
349.20	352.80	356.40	360.00	72	363.60	367.20	370.80	374.40
354.05	357.70	361.35	365.00	73	368.65	372.30	375.95	379.60
358.90	362.60	366.30	370.00	74	373.70	377.40	381.10	384.80
363.75	367.50	371.25	375.00	75	378.75	382.50	386.25	390.00

4.85	4.90	4.95	5.00	No. M	5.05	5.10	5.15	5.20
AMOUNT					AMOUNT			
368.60	372.40	376.20	380.00	76	383.80	387.60	391.40	395.20
373.45	377.30	381.15	385.00	77	388.85	392.70	396.55	400.40
378.30	382.20	386.10	390.00	78	393.90	397.80	401.70	405.60
383.15	387.10	391.05	395.00	79	398.95	402.90	406.85	410.80
388.00	392.00	396.00	400.00	80	404.00	408.00	412.00	416.00
392.85	396.90	400.95	405.00	81	409.05	413.10	417.15	421.20
397.70	401.80	405.90	410.00	82	414.10	418.20	422.30	426.40
402.55	406.70	410.85	415.00	83	419.15	423.30	427.45	431.60
407.40	411.60	415.80	420.00	84	424.20	428.40	432.60	436.80
412.25	416.50	420.75	425.00	85	429.25	433.50	437.75	442.00
417.10	421.40	425.70	430.00	86	434.30	438.60	442.90	447.20
421.95	426.30	430.65	435.00	87	439.35	443.70	448.05	452.40
426.80	431.20	435.60	440.00	88	444.40	448.80	453.20	457.60
431.65	436.10	440.55	445.00	89	449.45	453.90	458.35	462.80
436.50	441.00	445.50	450.00	90	454.50	459.00	463.50	468.00
441.35	445.90	450.45	455.00	91	459.55	464.10	468.65	473.20
446.20	450.80	455.40	460.00	92	464.60	469.20	473.80	478.40
451.05	455.70	460.35	465.00	93	469.65	474.30	478.95	483.60
455.90	460.60	465.30	470.00	94	474.70	479.40	484.10	488.80
460.75	465.50	470.25	475.00	95	479.75	484.50	489.25	494.00
465.60	470.40	475.20	480.00	96	484.80	489.60	494.40	499.20
470.45	475.30	480.15	485.00	97	489.85	494.70	499.55	504.40
475.30	480.20	485.10	490.00	98	494.90	499.80	504.70	509.60
480.15	485.10	490.05	495.00	99	499.95	504.90	509.85	514.80
485.00	490.00	495.00	500.00	100	505.00	510.00	515.00	520.00

4.85	4.90	4.95	5.00	Below	5.05	5.10	5.15	5.20
AMOUNT				1 M	AMOUNT			
1.21	1.23	1.24	1.25	1/4 M	1.26	1.28	1.29	1.30
2.43	2.45	2.48	2.50	1/2 M	2.53	2.55	2.58	2.60
3.64	3.68	3.71	3.75	3/4 M	3.70	3.83	3.86	3.90

\$4.85  
\$5.20  
\$5.25  
\$5.60  
\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$5.25 to \$5.60 per M.

PRICE				No. M	PRICE			
5.25	5.30	5.35	5.40		5.45	5.50	5.55	5.60
AMOUNT					AMOUNT			
5.25	5.30	5.35	5.40	1	5.45	5.50	5.55	5.60
10.50	10.60	10.70	10.80	2	10.90	11.00	11.10	11.20
15.75	15.90	16.05	16.20	3	16.35	16.50	16.65	16.80
21.00	21.20	21.40	21.60	4	21.80	22.00	22.20	22.40
26.25	26.50	26.75	27.00	5	27.25	27.50	27.75	28.00
31.50	31.80	32.10	32.40	6	32.70	33.00	33.30	33.60
36.75	37.10	37.45	37.80	7	38.15	38.50	38.85	39.20
42.00	42.40	42.80	43.20	8	43.60	44.00	44.40	44.80
47.25	47.70	48.15	48.60	9	49.05	49.50	49.95	50.40
52.50	53.00	53.50	54.00	10	54.50	55.00	55.50	56.00
57.75	58.30	58.85	59.40	11	59.95	60.50	61.05	61.60
63.00	63.60	64.20	64.80	12	65.40	66.00	66.60	67.20
68.25	68.90	69.55	70.20	13	70.85	71.50	72.15	72.80
73.50	74.20	74.90	75.60	14	76.30	77.00	77.70	78.40
78.75	79.50	80.25	81.00	15	81.75	82.50	83.25	84.00
84.00	84.80	85.60	86.40	16	87.20	88.00	88.80	89.60
89.25	90.10	90.95	91.80	17	92.65	93.50	94.35	95.20
94.50	95.40	96.30	97.20	18	98.10	99.00	99.90	100.80
99.75	100.70	101.65	102.60	19	103.55	104.50	105.45	106.40
105.00	106.00	107.00	108.00	20	109.00	110.00	111.00	112.00
110.25	111.30	112.35	113.40	21	114.45	115.50	116.55	117.60
115.50	116.60	117.70	118.80	22	119.90	121.00	122.10	123.20
120.75	121.90	123.05	124.20	23	125.35	126.50	127.65	128.80
126.00	127.20	128.40	129.60	24	130.80	132.00	133.20	134.40
131.25	132.50	133.75	135.00	25	136.25	137.50	138.75	140.00

5.25	5.30	5.35	5.40	No. M	5.45	5.50	5.55	5.60
AMOUNT					AMOUNT			
136.50	137.80	139.10	140.40	26	141.70	143.00	144.30	145.60
141.75	143.10	144.45	145.80	27	147.15	148.50	149.85	151.20
147.00	148.40	149.80	151.20	28	152.60	154.00	155.40	156.80
152.25	153.70	155.15	156.60	29	158.05	159.50	160.95	162.40
157.50	159.00	160.50	162.00	30	163.50	165.00	166.50	168.00
162.75	164.30	165.85	167.40	31	168.95	170.50	172.05	173.60
168.00	169.60	171.20	172.80	32	174.40	176.00	177.60	179.20
173.25	174.90	176.55	178.20	33	179.85	181.50	183.15	184.80
178.50	180.20	181.90	183.60	34	185.30	187.00	188.70	190.40
183.75	185.50	187.25	189.00	35	190.75	192.50	194.25	196.00
189.00	190.80	192.60	194.40	36	196.20	198.00	199.80	201.60
194.25	196.10	197.95	199.80	37	201.65	203.50	205.35	207.20
199.50	201.40	203.30	205.20	38	207.10	209.00	210.90	212.80
204.75	206.70	208.65	210.60	39	212.55	214.50	216.45	218.40
210.00	212.00	214.00	216.00	40	218.00	220.00	222.00	224.00
215.25	217.30	219.35	221.40	41	223.45	225.50	227.55	229.60
220.50	222.60	224.70	226.80	42	228.90	231.00	233.10	235.20
225.75	227.90	230.05	232.20	43	234.35	236.50	238.65	240.80
231.00	233.20	235.40	237.60	44	239.80	242.00	244.20	246.40
236.25	238.50	240.75	243.00	45	245.25	247.50	249.75	252.00
241.50	243.80	246.10	248.40	46	250.70	253.00	255.30	257.60
246.75	249.10	251.45	253.80	47	256.15	258.50	260.85	263.20
252.00	254.40	256.80	259.20	48	261.60	264.00	266.40	268.80
257.25	259.70	262.15	264.60	49	267.05	269.50	271.95	274.40
262.50	265.00	267.50	270.00	50	272.50	275.00	277.50	280.00

5.25	5.30	5.35	5.40	Below 1 M	5.45	5.50	5.55	5.60
AMOUNT					AMOUNT			
.26	.27	.27	.27	$\frac{1}{20}$ M	.27	.28	.28	.28
.53	.53	.54	.54	$\frac{1}{10}$ M	.55	.55	.56	.56
1.05	1.06	1.07	1.08	$\frac{1}{5}$ M	1.09	1.10	1.11	1.12



# LATH AND SHINGLES.

\$5.25 to \$5.60 per M.

PRICE				No. M	PRICE			
5.25	5.30	5.35	5.40		5.45	5.50	5.55	5.60
AMOUNT					AMOUNT			
267.75	270.30	272.85	275.40	51	277.95	280.50	283.05	285.60
273.00	275.60	278.20	280.80	52	283.40	286.00	288.60	291.20
278.25	280.90	283.55	286.20	53	288.85	291.50	294.15	296.80
283.50	286.20	288.90	291.60	54	294.30	297.00	299.70	302.40
288.75	291.50	294.25	297.00	55	299.75	302.50	305.25	308.00
294.00	296.80	299.60	302.40	56	305.20	308.00	310.80	313.60
299.25	302.10	304.95	307.80	57	310.65	313.50	316.35	319.20
304.50	307.40	310.30	313.20	58	316.10	319.00	321.90	324.80
309.75	312.70	315.65	318.60	59	321.55	324.50	327.45	330.40
315.00	318.00	321.00	324.00	60	327.00	330.00	333.00	336.00
320.25	323.30	326.35	329.40	61	332.45	335.50	338.55	341.60
325.50	328.60	331.70	334.80	62	337.90	341.00	344.10	347.20
330.75	333.90	337.05	340.20	63	343.35	346.50	349.65	352.80
336.00	339.20	342.40	345.60	64	348.80	352.00	355.20	358.40
341.25	344.50	347.75	351.00	65	354.25	357.50	360.75	364.00
346.50	349.80	353.10	356.40	66	359.70	363.00	366.30	369.60
351.75	355.10	358.45	361.80	67	365.15	368.50	371.85	375.20
357.00	360.40	363.80	367.20	68	370.60	374.00	377.40	380.80
362.25	365.70	369.15	372.60	69	376.05	379.50	382.95	386.40
367.50	371.00	374.50	378.00	70	381.50	385.00	388.50	392.00
372.75	376.30	379.85	383.40	71	386.95	390.50	394.05	397.60
378.00	381.60	385.20	388.80	72	392.40	396.00	399.60	403.20
383.25	386.90	390.55	394.20	73	397.85	401.50	405.15	408.80
388.50	392.20	395.90	399.60	74	403.30	407.00	410.70	414.40
393.75	397.50	401.25	405.00	75	408.75	412.50	416.25	420.00

5.25	5.30	5.35	5.40	No. M	5.45	5.50	5.55	5.60
AMOUNT					AMOUNT			
399.00	402.80	406.60	410.40	76	414.20	418.00	421.80	425.60
404.25	408.10	411.95	415.80	77	419.65	423.50	427.35	431.20
409.50	413.40	417.30	421.20	78	425.10	429.00	432.90	436.80
414.75	418.70	422.65	426.60	79	430.55	434.50	438.45	442.40
420.00	424.00	428.00	432.00	80	436.00	440.00	444.00	448.00
425.25	429.30	433.35	437.40	81	441.45	445.50	449.55	453.60
430.50	434.60	438.70	442.80	82	446.90	451.00	455.10	459.20
435.75	439.90	444.05	448.20	83	452.35	456.50	460.65	464.80
441.00	445.20	449.40	453.60	84	457.80	462.00	466.20	470.40
446.25	450.50	454.75	459.00	85	463.25	467.50	471.75	476.00
451.50	455.80	460.10	464.40	86	468.70	473.00	477.30	481.60
456.75	461.10	465.45	469.80	87	474.15	478.50	482.85	487.20
462.00	466.40	470.80	475.20	88	479.60	484.00	488.40	492.80
467.25	471.70	476.15	480.60	89	485.05	489.50	493.95	498.40
472.50	477.00	481.50	486.00	90	490.50	495.00	499.50	504.00
477.75	482.30	486.85	491.40	91	495.95	500.50	505.05	509.60
483.00	487.60	492.20	496.80	92	501.40	506.00	510.60	515.20
488.25	492.90	497.55	502.20	93	506.85	511.50	516.15	520.80
493.50	498.20	502.90	507.60	94	512.30	517.00	521.70	526.40
498.75	503.50	508.25	513.00	95	517.75	522.50	527.25	532.00
504.00	508.80	513.60	518.40	96	523.20	528.00	532.80	537.60
509.25	514.10	518.95	523.80	97	528.65	533.50	538.35	543.20
514.50	519.40	524.30	529.20	98	534.10	539.00	543.90	548.80
519.75	524.70	529.65	534.60	99	539.55	544.50	549.45	554.40
525.00	530.00	535.00	540.00	100	545.00	550.00	555.00	560.00

5.25	5.30	5.35	5.40	Below	5.45	5.50	5.55	5.60
AMOUNT				1 M	AMOUNT			
1.31	1.33	1.34	1.35	1 M	1.36	1.38	1.39	1.40
2.63	2.65	2.68	2.70	2 M	2.73	2.75	2.78	2.80
3.94	3.98	4.01	4.05	3 M	4.09	4.13	4.16	4.20

\$5.25  
\$5.60

\$5.65  
\$6.00

EST.

# LATH AND SHINGLES.

\$5.65 to \$6.00 per M.

PRICE AMOUNT				No. M	PRICE AMOUNT			
5.65	5.70	5.75	5.80		5.85	5.90	5.95	6.00
5.65	5.70	5.75	5.80	1	5.85	5.90	5.95	6.00
11.30	11.40	11.50	11.60	2	11.70	11.80	11.90	12.00
16.95	17.10	17.25	17.40	3	17.55	17.70	17.85	18.00
22.60	22.80	23.00	23.20	4	23.40	23.60	23.80	24.00
28.25	28.50	28.75	29.00	5	29.25	29.50	29.75	30.00
33.90	34.20	34.50	34.80	6	35.10	35.40	35.70	36.00
39.55	39.90	40.25	40.60	7	40.95	41.30	41.65	42.00
45.20	45.60	46.00	46.40	8	46.80	47.20	47.60	48.00
50.85	51.30	51.75	52.20	9	52.65	53.10	53.55	54.00
56.50	57.00	57.50	58.00	10	58.50	59.00	59.50	60.00
62.15	62.70	63.25	63.80	11	64.35	64.90	65.45	66.00
67.80	68.40	69.00	69.60	12	70.20	70.80	71.40	72.00
73.45	74.10	74.75	75.40	13	76.05	76.70	77.35	78.00
79.10	79.80	80.50	81.20	14	81.90	82.60	83.30	84.00
84.75	85.50	86.25	87.00	15	87.75	88.50	89.25	90.00
90.40	91.20	92.00	92.80	16	93.60	94.40	95.20	96.00
96.05	96.90	97.75	98.60	17	99.45	100.30	101.15	102.00
101.70	102.60	103.50	104.40	18	105.30	106.20	107.10	108.00
107.35	108.30	109.25	110.20	19	111.15	112.10	113.05	114.00
113.00	114.00	115.00	116.00	20	117.00	118.00	119.00	120.00
118.65	119.70	120.75	121.80	21	122.85	123.90	124.95	126.00
124.30	125.40	126.50	127.60	22	128.70	129.80	130.90	132.00
129.95	131.10	132.25	133.40	23	134.55	135.70	136.85	138.00
135.60	136.80	138.00	139.20	24	140.40	141.60	142.80	144.00
141.25	142.50	143.75	145.00	25	146.25	147.50	148.75	150.00

PRICE AMOUNT				No. M	PRICE AMOUNT			
5.65	5.70	5.75	5.80		5.85	5.90	5.95	6.00
146.90	148.20	149.50	150.80	26	152.10	153.40	154.70	156.00
152.55	153.90	155.25	156.60	27	157.95	159.30	160.65	162.00
158.20	159.60	161.00	162.40	28	163.80	165.20	166.60	168.00
163.85	165.30	166.75	168.20	29	169.65	171.10	172.55	174.00
169.50	171.00	172.50	174.00	30	175.50	177.00	178.50	180.00
175.15	176.70	178.25	179.80	31	181.35	182.90	184.45	186.00
180.80	182.40	184.00	185.60	32	187.20	188.80	190.40	192.00
186.45	188.10	189.75	191.40	33	193.05	194.70	196.35	198.00
192.10	193.80	195.50	197.20	34	198.90	200.60	202.30	204.00
197.75	199.50	201.25	203.00	35	204.75	206.50	208.25	210.00
203.40	205.20	207.00	208.80	36	210.60	212.40	214.20	216.00
209.05	210.90	212.75	214.60	37	216.45	218.30	220.15	222.00
214.70	216.60	218.50	220.40	38	222.30	224.20	226.10	228.00
220.35	222.30	224.25	226.20	39	228.15	230.10	232.05	234.00
226.00	228.00	230.00	232.00	40	234.00	236.00	238.00	240.00
231.65	233.70	235.75	237.80	41	239.85	241.90	243.95	246.00
237.30	239.40	241.50	243.60	42	245.70	247.80	249.90	252.00
242.95	245.10	247.25	249.40	43	251.55	253.70	255.85	258.00
248.60	250.80	253.00	255.20	44	257.40	259.60	261.80	264.00
254.25	256.50	258.75	261.00	45	263.25	265.50	267.75	270.00
259.90	262.20	264.50	266.80	46	269.10	271.40	273.70	276.00
265.55	267.90	270.25	272.60	47	274.95	277.30	279.65	282.00
271.20	273.60	276.00	278.40	48	280.80	283.20	285.60	288.00
276.85	279.30	281.75	284.20	49	286.65	289.10	291.55	294.00
282.50	285.00	287.50	290.00	50	292.50	295.00	297.50	300.00

PRICE AMOUNT				Below 1 M	PRICE AMOUNT			
5.65	5.70	5.75	5.80		5.85	5.90	5.95	6.00
.28	.29	.29	.29	$\frac{1}{20}$ M	.29	.30	.30	.30
.57	.57	.58	.58	$\frac{1}{10}$ M	.59	.59	.60	.60
1.13	1.14	1.15	1.16	$\frac{1}{5}$ M	1.17	1.18	1.19	1.20



# LATH AND SHINGLES.

\$5.65 to \$6.00 per M.

PRICE				No. M	PRICE			
5.65	5.70	5.75	5.80		5.85	5.90	5.95	6.00
AMOUNT					AMOUNT			
288.15	290.70	293.25	295.80	51	298.35	300.90	303.45	306.00
293.80	296.40	299.00	301.60	52	304.20	306.80	309.40	312.00
299.45	302.10	304.75	307.40	53	310.05	312.70	315.35	318.00
305.10	307.80	310.50	313.20	54	315.90	318.60	321.30	324.00
310.75	313.50	316.25	319.00	55	321.75	324.50	327.25	330.00
316.40	319.20	322.00	324.80	56	327.60	330.40	333.20	336.00
322.05	324.90	327.75	330.60	57	333.45	336.30	339.15	342.00
327.70	330.60	333.50	336.40	58	339.30	342.20	345.10	348.00
333.35	336.30	339.25	342.20	59	345.15	348.10	351.05	354.00
339.00	342.00	345.00	348.00	60	351.00	354.00	357.00	360.00
344.65	347.70	350.75	353.80	61	356.85	359.90	362.95	366.00
350.30	353.40	356.50	359.60	62	362.70	365.80	368.90	372.00
355.95	359.10	362.25	365.40	63	368.55	371.70	374.85	378.00
361.60	364.80	368.00	371.20	64	374.40	377.60	380.80	384.00
367.25	370.50	373.75	377.00	65	380.25	383.50	386.75	390.00
372.90	376.20	379.50	382.80	66	386.10	389.40	392.70	396.00
378.55	381.90	385.25	388.60	67	391.95	395.30	398.65	402.00
384.20	387.60	391.00	394.40	68	397.80	401.20	404.60	408.00
389.85	393.30	396.75	400.20	69	403.65	407.10	410.55	414.00
395.50	399.00	402.50	406.00	70	409.50	413.00	416.50	420.00
401.15	404.70	408.25	411.80	71	415.35	418.90	422.45	426.00
406.80	410.40	414.00	417.60	72	421.20	424.80	428.40	432.00
412.45	416.10	419.75	423.40	73	427.05	430.70	434.35	438.00
418.10	421.80	425.50	429.20	74	432.90	436.60	440.30	444.00
423.75	427.50	431.25	435.00	75	438.75	442.50	446.25	450.00

5.65	5.70	5.75	5.80	No. M	5.85	5.90	5.95	6.00
AMOUNT					AMOUNT			
429.40	433.20	437.00	440.80	76	444.60	448.40	452.20	456.00
435.05	438.90	442.75	446.60	77	450.45	454.30	458.15	462.00
440.70	444.60	448.50	452.40	78	456.30	460.20	464.10	468.00
446.35	450.30	454.25	458.20	79	462.15	466.10	470.05	474.00
452.00	456.00	460.00	464.00	80	468.00	472.00	476.00	480.00
457.65	461.70	465.75	469.80	81	473.85	477.90	481.95	486.00
463.30	467.40	471.50	475.60	82	479.70	483.80	487.90	492.00
468.95	473.10	477.25	481.40	83	485.55	489.70	493.85	498.00
474.60	478.80	483.00	487.20	84	491.40	495.60	499.80	504.00
480.25	484.50	488.75	493.00	85	497.25	501.50	505.75	510.00
485.90	490.20	494.50	498.80	86	503.10	507.40	511.70	516.00
491.55	495.90	500.25	504.60	87	508.95	513.30	517.65	522.00
497.20	501.60	506.00	510.40	88	514.80	519.20	523.60	528.00
502.85	507.30	511.75	516.20	89	520.65	525.10	529.55	534.00
508.50	513.00	517.50	522.00	90	526.50	531.00	535.50	540.00
514.15	518.70	523.25	527.80	91	532.35	536.90	541.45	546.00
519.80	524.40	529.00	533.60	92	538.20	542.80	547.40	552.00
525.45	530.10	534.75	539.40	93	544.05	548.70	553.35	558.00
531.10	535.80	540.50	545.20	94	549.90	554.60	559.30	564.00
536.75	541.50	546.25	551.00	95	555.75	560.50	565.25	570.00
542.40	547.20	552.00	556.80	96	561.60	566.40	571.20	576.00
548.05	552.90	557.75	562.60	97	567.45	572.30	577.15	582.00
553.70	558.60	563.50	568.40	98	573.30	578.20	583.10	588.00
559.35	564.30	569.25	574.20	99	579.15	584.10	589.05	594.00
565.00	570.00	575.00	580.00	100	585.00	590.00	595.00	600.00

5.65	5.70	5.75	5.80	Below	5.85	5.90	5.95	6.00
AMOUNT				1 M	AMOUNT			
1.41	1.43	1.44	1.45	$\frac{1}{4}$ M	1.46	1.48	1.49	1.50
2.83	2.85	2.88	2.90	$\frac{1}{2}$ M	2.93	2.95	2.98	3.00
4.24	4.28	4.31	4.35	$\frac{3}{4}$ M	4.39	4.43	4.46	4.50

\$5.65  
\$6.00

EST.

# The Shipping Weights of the Principal Building Woods, Used in Estimating Freight by Lumber Manufacturers.

For the amount of freight see price index.

WOODS				WORKED TO	WOODS			
Spr.	R. C.	Cyp.	Y. P., Y. P., l. l. s. l.		Fir	Wes. P.	Hem.	Rwd Bwd
Weights per 1000 feet B. M.					Weights per 1000 feet B. M.			
2500	2700	2500	2400	2x4 to 2x8 S. 1 S. 1 E.	2750	2000	2000	2300
3000	3400	3200	3100	.... 2x4 to 2x8 R....	3000	2300	2500	2800
2500	2800	2600	2500	2x10 & 2x12 S. 1 S. 1 E.	2750	2000	2000	2300
3400	3200			.... 2x10 & 2x12 R....	3000	2300	2500	2800
	3600	3200		2x14 & 2x12 S. 1 S. 1 E.	3000	2200	2200	2400
	4200	3700		.... 2x14 & 2x12 R....	3300	2700	2700	2900
	3600	3200		3x4 to 6x6 S. 4 S....	3000	2200	2500	2500
	4200	3700		.... 3x4 to 6x6 R....	3300	2700	3000	3000
	3800	3500		6x8 & over S. 1 S. 1 E.	3000	2200	2500	3000
	4300	4000		.... 6x8 & over R....	3300	2700	3000	3500
2000 1800	2200 2600	2500 2500		1 in. S. 1 S. or 2 S....	2500	2000	2000	2000
2200 2000	2400 3400	3200 3200		.... 1 in. R....	2700	2300	2400	2200
2200 2000	2300 2800	2700 2700		1 1/4 to 2 in. S. 1 S. or 2 S....	2700	2000	2000	2300
2500 2200	2500 3400	3100 3100		.... 1 1/4 to 2 in. R....	3200	2300	2500	2800
	2300 2500	2300 2300		.... Shiplap....	2300	1800	1800	2000
	2600 2400			.... Grooved roofing....	2400	1800	1800	2000
1800 1600	2100 2000			.... 1x3 flooring....	1900	1700	1700	1800
1800 1600	2100 2000			.... 1x4 flooring....	2000	1700	1700	1800
1800 1600	2300 2000			.... 1x6 flooring....	2000	1800	1800	1900
	1700 2300	2200 2200		.... 1 1/2 x3 flooring....	2000	1800		1800
	1700 2400	2200 2200		.... 1 1/2 x4 flooring....	2200	1800		2000
700 700	900 1000	1000 1000		.... 3/8 in. ceiling....	900	800		800
	1000 1300	1300 1300		.... 1/2 in. ceiling....	1000	900		1000
1300 1300	1300 1600	1500 1500		.... 3/4 in. ceiling....	1400	1300		1300
1600 1600	1900 1900	1800 1800		.... 3/4 x 6 in. ceiling....	2000	1700	1700	1800
700 700	900 1000	1000 1000		.... 1/2 x1 & 6 siding....	1000	800		700
1800 1600	2000 2000	1800 1800		.... Drop siding....	2000	1700	1700	1800

Shingles.	Battens.	Other Woods.
Lbs. per M.	Lbs. per M lineal feet.	Lbs. per 1000 ft. B. M.
Red cedar, 16 in., 6 to 2 in..... 160	1/2 or 3/8 x3, fir & cyp.. 250	Ash..... 3500
Red cedar, 16 in., 5 to 2 in..... 180	2 in. O. G., fir & cyp. 220	Birch, S. 2 S..... 3000
Red cedar, 18 in., 5 to 2 in..... 200	2 1/2 in. O. G., fir & cyp. 250	Birch, rough plank..... 4000
Red cedar, 18 in., 5 to 2 1/4 in..... 220	3 in. O. G., fir & cyp. 300	Cherry..... 3500
Redwood, 16 in., 5 to 1 1/4 in..... 175	Moulding.	Chestnut..... 3000
White cedar, 16 in.... 200	Reduced to 1 in. by 1 in., pine..... 160	Elm-rock..... 4500
Pine, 16 in..... 225	Cypress, spruce, redwood..... 170	Elm-soft..... 3500
Cypress, 16 in..... 300	Red cedar..... 150	Hickory..... 3500
Hemlock, 16 in..... 225	Fir, Y. P..... 200	Locust..... 3750
Lath.	Base and casing same as drop siding.	Mahogany-Spanish..... 4400
Pine, 3/8 x 1 1/2 in., 4 ft. 400	Hardwood Flooring.	Mahogany-Honduras..... 3500
Norway..... 450		Maple..... 4000
Cypress..... 500	Lbs. per M B. M.	Oak, white bridge plank..... 5000
Hemlock..... 450	Comprising oak, birch, maple, beech, cherry, sycamore, ash—	Oak, surfaced... 4000
Red cedar..... 350	3/8 in..... 1000	Oak, red..... 3900
Fir..... 500	1/2 in..... 1200	Poplar, S. 1 S. or 2 S..... 2300
Yellow pine..... 500	5/8 in..... 1500	Sycamore..... 3000
Basswood..... 500	3/4 in..... 2000	Walnut-black... 3200
Sheathing lath, B. M..... 1500	1/2 x 2 and 2 1/4 in..... 2200	
	3/4 x 3 1/4 in..... 2500	



## BUILDERS' EXPERIENCE.

Any two buildings of the same style and materials and for the same purpose will cost practically the same per cubic foot, though they may differ widely in both shape and size. Therefore, it is only necessary to keep a record of the cost of buildings in any given locality to be able to figure the approximate cost of similar buildings from their cubic contents. The following figures compiled by such eminent authorities as F. E. Kldder, of Denver, Colorado, James N. Brown, of St. Louis, and Fred T. Hodgson, may be relied upon as a safe approximation to the cost of any proposed building:

Table of Approximate Cost Per Cubic Foot.

KIND OF BUILDING.	FRAME.	BRICK.
	Cost per cubicfoot Cents.	Cost per cubicfoot Cents.
1. Farm residences, a cheap box house.....	4	.....
2. Farm residences, plain shingle roof with cornice.....	5 to 6	7 to 8
3. Farm residences, a good house, shingle roof, box window frames.....	7 to 8	9 to 10
4. Farm barns, shingle roof, very plain.....	1½ to 2½	.....
5. Farm barns, good foundation, shingle roof, a good barn.....	2½ to 3	.....
6. City residences, good house, no bath room or furnace.....	6 to 7	8 to 9
7. City residences, a better house, hardwood floors in hall and parlor; bath, furnace, and fair plumbing.....	8 to 9	8 to 10
8. City residences, well done, first story hardwood floor, good plumbing, furnace, good average city house.....	10 to 12	11 to 12
9. Stores, shingle roof, plain.....	5 to 7	7 to 9
10. Ordinary country churches and schoolhouses.....	5 to 7	8 to 10
11. City churches and schoolhouses, medium.....	.....	16 to 22
12. Fine city churches and schoolhouses.....	.....	22 to 39
13. Hotels, first class.....	.....	31 to 41
Hotels, second class.....	.....	23 to 31
Hotels, third class.....	.....	20 to 24

The cubic contents from cellar floor to the "square," or in case of attic being finished to the ceiling of the highest finished room.

### Depreciation.

To arrive at the present value of any building as compared with the cost of a new one, the U. S. government uses what is known as Tiffany's Estimate, which applies to buildings on which the ordinary repairs have been kept up. For each year a building has stood, deduct from what a new one would cost, as follows:

	Brick.	Frame.
Occupied by owner, deduct per year.....	1 to 1½%	2 to 2½%
Occupied by tenant, deduct per year.....	1½ to 1¾	2½ to 3

### SIZE AND SPEED OF PULLEYS.

Of two pulleys connected by a belt, the one transmitting the power is the *Driver*, and the one receiving it the *Driven*. Four problems commonly arise, namely:

- I. To find the *diameter* of the *Driver*: Multiply the diameter of the *Driven* by its revolutions; then divide this product by the revolutions of the *Driver*, and the result will be the diameter of the *Driver*.
- II. To find the *revolutions* of the *Driver*: Multiply the diameter of the *Driven* by its revolutions; then divide this product by the diameter of the *Driver*, and the result will be the revolutions of the *Driver*.
- III. To find the *diameter* of the *Driven*: Multiply the diameter of the *Driver* by its revolutions; then divide this product by the revolutions of the *Driven*, and the result will be the diameter of the *Driven*.
- IV. To find the *revolutions* of the *Driven*: Multiply the diameter of the *Driver* by its revolutions; then divide this product by the diameter of the *Driven*, and the result will be the revolutions of the *Driven*.

#### EXAMPLES—

- I. What size *Driver* running 300, is required to make a 12 inch *Driven* go 900? By rule I.:  $12 \times 900 = 10800$ ; then  $10800 \div 300 = 36$ , the required diameter of *Driver*.
- II. How fast must a 36 inch *Driver* revolve to make a 12 inch *Driven* go 900? By rule II.:  $12 \times 900 = 10800$ ; then  $10800 \div 36 = 300$ , the required revolutions of *Driver*.
- III. What diameter must a *Driven* have to go 900 from a 36 inch *Driver* revolving 300? By rule III.:  $36 \times 300 = 10800$ ; then  $10800 \div 900 = 12$ , the required diameter of *Driven*.
- IV. What speed will a 36 inch *Driver* going 300 give to a 12 inch *Driven*? By rule IV.:  $36 \times 300 = 10800$ ; then  $10800 \div 12 = 900$ , the revolutions of the *Driven*.

## ESTIMATOR.

## The Common Items and Their Labor Cost.

## I. PRELIMINARIES.

Getting the job. Subcontracting parts.  
 Engineer's service. Staking out. Disposition of sod and loam.  
 Temporary sheds and tool houses.

## II. EXCAVATION.

LABOR\*.....25cts. a cu. yd.

## ITEMS:

Main cellar.	Cess-pool.	Partition walls.
areas and outside	trenches for:	chimneys.
cellar-way.	footings,	inside piers.
privy.	outside walls,	drains.
catch basin.	outside piers.	

## III. MASONRY.

## 1. FOUNDATION.

LABOR\*: To lay one cord of stone.....\$5.50

To lay 1000 brick in wall..... 3.50

To lay 1000 brick in chimneys..... 7.50

To tuck point, about 3 cts. per square foot.

To cement foundation walls on the outside above grade:

*Material*—One barrel Portland cement (380 pounds or 4 cubic feet or 4 bushels) and 2 barrels of sand will make about 11 cubic feet and cover 14 square yards with a coat 1 inch thick, or 17 yards  $\frac{3}{4}$ " thick or 27 yards  $\frac{1}{2}$ " thick.

*Labor*: To prepare, place, and block in imitation of stone, about 20 cents a sq. yd.

88 cubic feet of stone make 100 cubic feet in the wall.

## BRICK REQUIRED.

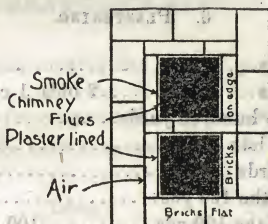
IN CHIMNEYS TO THE FOOT IN HEIGHT.			IN WALLS TO THE SURFACE FOOT.†	
Size of chimney	Size of flue	No. brick to foot in height	Thickness of walls	No. brick to surface foot
16x16"	8x 8"	30	4"	7½
20x20	12x12	40	8	15
16x24	8x16	40	12	22½
20x24	12x16	45	16	30
20x28	2 flues, each 8x8, brick lined.	75	20	37½
24x40	3 flues, each 8x12, brick lined.	112	24	45

Brick run from 20 to 22 to the cubic foot.

\* See page 383 for basis of labor cost.

† Eastern sizes. Above produces in Western sizes about  $\frac{1}{4}$  more than required.





Section of Chimney &amp; Flues

**ITEMS:**

Stone in outside walls	Brick in outside walls.	Lime, $1\frac{1}{2}$ bbl. to the cord.
stone in partition walls.	brick in partition walls.	lime, 1 bbl. to the 1000 brick.
kind of stone work:	piers under cross sills.	cement.
rubble,	footing of:	sand, $\frac{3}{8}$ cu. yd. to the bbl. lime.
range rubble,	stone,	water.
broken ashler,	brick,	tuck pointing.
range ashler,	wood,	waste.
caps for piers.	concrete.	
stone water table.		
plastering foundation walls.		

**2. OPENINGS IN FOUNDATION.****ITEMS:**

Doors.	Caps.	Outside cellar-way.
windows.	jamb.	steps.
stone sills.	coping.	iron gates.

**3. CELLAR BOTTOM.**

Concrete—usual thickness, 2'', finish top coat  $\frac{1}{2}$ ''.

**Material**—1 barrel Portland cement (380 pounds), 2 barrels of sand, and 6 barrels of clean broken stone will make about 20 cubic feet of concrete—enough to coat 120 square feet 2'' thick.

**Top coat**—for material see plastering outside of foundations.

**Labor:** To prepare and place the 20 cubic feet in the cellar about  $2\frac{1}{2}$  cts. a cubic foot; preparing and placing the top coat ( $\frac{1}{2}$ '' ) about  $12\frac{1}{2}$  cts. a sq. yd.

**ITEMS:**

Concrete.	Rat proofing.	Drain tile.
broken stone	flagging.	lime.
sand.	brick.	cement.
furnace foundation.	gravel.	water.

**4. MISCELLANEOUS.**

Cistern.	Overflow.	Closet drain.
catch basin.	ventilator.	cistern drain.
cess-pool.	cess-pool drain.	roof drain.
arch-domes.	sink drain.	drain connections.
covering.	laundry drain.	drayage.

**5. FOUNDATIONS OF PIERS.**

Digging.	Stone piers.	Sand.
posts.	cement.	water.
brick piers.	lime.	tuck pointing.

## 6. PLASTERING.

## MATERIAL:

Lath to the 100 yds.....	1400
Lime to the 100 yds.....	2 bbls. 1 coat; 3½ bbls. 3 coats
Hair or fiber to the hundred yards.....	2 bushels
Nails to the 1000 lath.....	6 lbs. 3d.
Sand to the 100 yards.....	1½ yds.
Cement plaster to the 100 yds.....	800 to 1000 lbs.
Plaster of Paris to the 100 yds.....	100 lbs. and 1 bbl. lime
Multiply the square feet by 1½ for the number of lath.	

LABOR,* per yard, lathing.....	2½ cts.
per yard, 2 coats plastering.....	2½ cts.
per yard, white-coating.....	3½ cts.
making a total per yard for labor of.....	8½ cts

## ITEMS:

Back plastering.	Brackets.	Canvas to close open-
sheathing lath.	furring.	ings.
deadening.	centers.	number of coats.
metal lath.	arches.	scaffolding.
heating.	round corners.	waste.
cornices.	mortar colors.	

## 7. CHIMNEYS, MANTELS, AND GRATES.

LABOR,* per 1000 brick.....	\$7.50
Small chimneys, material included, 1-flue, per lineal foot,	
40 cts.; 2-flue, 75 cts.	

## ITEMS:

Brick-work.	Jambs.	Ventilators and
stone work.	fire-place opening.	cords.
hearth foundation.	grate opening.	marble mantels.
stone hearth.	grate.	terra cotta mantels.
brick hearth.	plastering chimneys	slate mantels.
tile hearth.	inside.	grate setting.
arches.	lining chimneys with	range setting.
lintels.	brick.	pipe thimbles.
lime.	chimney tops.	ash doors.
wall tiles.	furnace setting.	sand.
	registers.	water.
	cement.	

## IV. CARPENTRY.

## FRAME:

LABOR*: Average cost for framing and placing dimension	
per 1000 feet b. m.....	\$7.00
Sills, framing and placing, per lineal foot.....	.02
Double plates, framing and placing, per lineal foot.....	.02
Girts, framing and placing, per lineal foot.....	.01
To bridge, per piece.....	.00½
Joists, 2x6 to 2x14, framing and placing, per 1000 lineal feet..	3.50
Studding, 2x4 to 2x6, framing and placing, per 1000 lineal	
feet.....	6.25

\* See page 383 for basis of labor cost.



Rafters, gable roofs, framing and placing, per 1000 lineal feet ..... \$8.25  
 Rafters, hip roofs, framing and placing, per 1000 lineal feet 10.00  
 Add 10 per cent for each story above the 2d.

## ITEMS:

Sills.	Plates.	Trusses.
girders.	deck plates.	iron stays.
posts.	tower plates.	bracing.
cross sills.	partition bottom and	furring.
girts.	top plates.	purlins.
joists, basement.	common rafters.	girts.
joists, 1st story.	hip rafters.	nail ties.
joists, 2d story.	valley rafters.	scaffolding.
joists, attic.	ridge pole.	bolts.
joists, double.	collar braces.	rods.
bridging.	lintels.	trusses.
outside studding.	headers.	waste.
gable studding.	trimmers.	drayage.
partition studding.	tail beams.	
double studding.		

Nails to the 1000 feet ..... 14 lbs. 10d. common.  
 Spikes to the 1000 feet ..... 10 lbs. 20d

## 2. FRAME COVERING.

## a. Sides.

LABOR\*: To saw and place sheathing, per 1000 feet..... \$2.50  
 To place paper, per roll of 500 square feet..... .25  
 To place  $\frac{1}{2}$ x6" siding or ceiling, per 1000 feet ..... 6.25  
 To place  $\frac{1}{2}$ x4" siding, per 1000 feet..... 10.00  
 To place 1x6" drop siding, per 1000 feet..... 5.00  
 To place shingles, per 1000 ..... 1.25  
 To prepare and place corner boards and base, from strips  
 to size, per lineal foot..... .02

## ITEMS:

Sheathing.	Siding, $\frac{1}{2}$ x6 or $\frac{1}{2}$ x4.	Scotia.
paper.	other siding.	corner bead.
corner boards.	shingles.	battens.
casing:	ceiling.	scaffolding.
belt courses.	molding.	waste.
outside base.	water table.	

## b. Gables.

ITEMS:		
Sheathing.	Other siding.	Braces.
paper.	battens.	mortar finish.
brackets.	gable ornaments.	flag-staff.
shingles.	verge boards.	metal lath.
drapery.	molding.	waste.

Nails for inch..... 25 lbs. 10d. to 1000 feet.  
 Nails for  $\frac{1}{2}$ " siding..... 18 lbs. 6d to 1000 feet.

\*See page 384 for basis of labor cost.

*c. Roof.*

LABOR*: Sheathing, per 1000 feet.....	\$3.00
Paper, per roll .....	1.25
Shingles, per 1000.....	1.25

Add 10 per cent for each story above 2d and for very steep or broken roofs.

## ITEMS:

Sheathing.	Chimney flashing.	Scuttle covers.
paper.	skylight.	hooks and hinges.
shingles.	saddle boards.	valley and gutter tin.
tin.	gutter strips.	conductors.
slate.	saddle or hip mold-	deck.
asbestos.	ing.	ladders.
other compositions.	hip tins.	waste.
tin shingles.	cresting and finials.	
louver work.	scuttle curbing.	

Nails.....	3½ lbs. 4d. to 1000 shingles.
Nails.....	25 lbs. 10d. to 1000 feet inch stuff.

*d. Cornice.*

LABOR*: Plain, consisting of fascia, planceer, and frieze,	
per lineal foot .....	7 cts.
Plain, with crown and bed molding added.....	10 cts.
Brackets, placing in position, each.....	3 to 4 cts.
Cutting, gutter, per lineal foot.....	2 to 4 cts.

## ITEMS:

Cornice blocks.	Brackets.	Gutter furring.
lookouts.	crown molding.	gutter lining.
frieze.	bed molding.	belt furring.
planceer.	drapery.	fancy rafter ends.
fascia.	frieze ornaments.	waste.

Nails for ¾ stuff.....	30 lbs. 8d to 1000 feet.
Nails for 1½ stuff.....	40 lbs. 10d to 1000 feet.

*e. Porches.*

LABOR*: Framing, per 1000 lineal feet.....	\$8.00
or completed porch, per lineal foot, from \$1.50 up.	

## ITEMS:

*Framing.*

Posts under sills.	Columns.	Ceiling joists.
sills.	plates.	rafters.
lower joists.	frieze plates.	balcony.

*Covering and Ornaments.*

Sheathing.	Finials.	Balusters.
paper.	ceiling.	spindles.
tin.	flooring.	brackets.
shingles.	base.	molding.
flashing.	lattice work.	steps.
gutter.	foot rail.	step rail.
cornice.	hand rail.	step newels.
cresting.	frieze rail.	

\* See page 384 for basis of labor cost.



## 3. OPENINGS.

## a. Windows and Frames.

Wages, \$2.50 per day.

	No. pieces av. day's work.	Price, each.
LABOR: Making plain frames for weights.....	3	\$0.85
Setting frames .....	14	.20
Hanging outside blinds .....	10	.25
Hanging inside blinds, 50 cts to \$1.00.....	5	.50
Fitting sash, per window.....	18	.15
Hanging sash and trimming with locks and lifts..	14	.30
Casing .....	10	.25
Putting on stops.....	35	.07
Band molding.....	25	.10
Fitting stool.....		.12
		<hr/> \$2.79

When the frames are bought ready made and there are no  
blinds or band molding to run, windows may be figured  
for setting, hanging, and casing, complete each..... \$1.00

## ITEMS:

Double studs.	Inside molding.	Windows.
lintels.	corner blocks.	bay windows.
jamb.	plinth blocks.	oriel windows.
subsill.	outside blinds.	dormer windows.
sills.	trimming for outside	pantry windows.
pulleys.	blinds.	cellar windows.
outside casing.	inside blinds.	storm sash.
caps and grounds.	trimming for inside	cellar sash.
brackets.	blinds.	barn sash.
subbase.	screens.	iron grating.
corbels.	sash fastenings.	S. S. glass.
apron.	sash cord.	D. S. glass.
inside casing.	weights.	plate glass.
parting stops.	flashing.	art glass.
window stops.	rafters.	ribbed glass.
screws.	plates.	colored glass.
weather strips.	studs.	embossed glass.
sash balances	cornice.	flooring.
(springs).	gutter.	corner beads.
sliding blinds.	joists.	awnings.
iron shutters.	roof covering.	to case, per window,
stool.	sheathing.	4 lb. nails 8d finish.
	siding.	screws.

About the average quantity of material required to the frame in  
common houses, allowing for waste, on basis of a 2 light window  
24x36, and a door 2' 8" by 6' 8":

Window jambs and heads, with drop on sill, feet lineal.....	18
Door jambs and heads, feet lineal.....	18
Outside casing, window, feet lineal.....	18
Outside casing, door, feet lineal.....	19
Inside casing, window, with apron, feet lineal.....	20
Inside casing, door, each side, feet lineal.....	18

About the same quantity lineal of molding and stops.

## b. Doors and Frames.

Wages, \$2.50 per day.

	No. pieces to av. day's work.	Price, each.
LABOR: Making plain frames .....	4	\$0.65
Making plain frames for door and transom .....	3	.85
Setting frames .....	14	.20
Hanging transoms .....	10	.25
Casing one side .....	16	.16
Casing two sides .....	8	.32
Casing frames with transoms, 1 side add 5 cts.; 2 sides 10 cts .....		
Putting on stops .....	30	.09
Band molding, 1 side .....	25	.10
Band molding, 2 sides .....	12	.21
Placing thresholds .....	25	.10
Fitting and hanging common doors .....	10	.25
Placing rim locks .....	35	.07
Placing mortise locks .....	14	.20

To make and set frame, hang and trim door with mortise  
lock, case 2 sides, with transom but no band molding,  
each..... \$2.25

When frames are bought ready made the doors may be  
figured for setting frame, hanging, and casing, complete  
each at ..... 1.50

To hang batten doors and trim..... .50

To make batten doors..... .75

To hang a pair of sliding doors..... \$2.50 to 10.00

## ITEMS:

Double studs.	Doors:	Plinth blocks.
lintels.	front,	molding.
jamb.	vestibule,	bells.
sill.	rear,	latches.
outside casing.	sliding,	frame work.
grounds.	closet,	jackets.
thresholds.	cupboard,	ceiling.
storm thresholds.	batten,	hangers.
weather strips.	storm,	track.
stops.	screen,	screen wire.
transoms.	shutters.	monograms.
transom bar.	hinges.	knockers.
pivots.	locks—complete.	glass.
fastenings.	bolts.	screws.
lifts.	base bumpers.	waste.
springs.	inside casing.	nails to the door, 1 lb.
grills.	corner blocks.	8d finish.

## 4. FLOORS.

LABOR\*: To lay 1x6 pine per 1000 feet and blind nail to each

joist, on the average ..... \$4.00

To lay 1x4 per 1000 feet, on the average..... 5.00

\* See page 384 for basis of labor cost.



To lay bottom floor of shiplap or other wide stock, per 1000 feet.....	\$1.50
To lay paper between, per roll.....	.25
To fur and lay paper between, per roll.....	.35
To lay porch floors in white lead, add to above per 1000 feet.....	1.50

## ITEMS:

Beam filling.	Furring strip.	Hardwood flooring.
deadening.	paper.	white lead.
bottom floors.	pine flooring.	parquet floor.
wood carpet.	mosaic.	tiles.

Nails to the 1000 feet.....35 lbs. 10d. floor.

## 5. SIDE WALL TRIM.

LABOR*: To fit and place plain or molded base consisting of 1 member, per lineal foot.....	\$0.01
To fit and place base of 2 members, per lineal foot.....	.02
To fit and place base of 2 members with cap, per lineal foot.....	.03
Using base angle blocks in each case, to avoid coping.	
To fit and place carpet strip, picture mold, or qr. rd., per 100 feet.....	.40
To fit and place wainscoting made of ceiling qr. rd. and cap, per 1000 feet.....	10.00
To fit and place 4-inch ceiling over head, per 1000 feet.....	8.00

## ITEMS:

Grounds.	Rabbeted molding.	Parquet wainscoting.
base.	cap.	chair rails.
carpet strip.	inside corner bead.	inside cornices.
quarter round.	ceiling.	wall tiles.
angle blocks.	paneled wainscoting.	30 lbs. 8d. finish nails
door bumpers.	picture mold.	to the 1000 feet.
mantels.	screws.	waste.
mirrors.	grates.	curtain brackets.
	grate fronts.	

## 6. STAIRS.

LABOR: a. To make and place cellar steps open, mortised into string, per step.....	\$0.12
b. To make and place cellar steps with risers, mortised into string, per step.....	.25
c. To make and place boxed stairs between walls, housed and molded, per step.....	.40
d. To make and place same with winders, per step.....	.60
e. To make and place open stairs, steps $1\frac{1}{2}$ thick, 3 feet 6 inches or less in length, 7-inch rise, $10\frac{1}{2}$ -inch treads, with nosing and cove cut square against string and all nailed, per riser.....	.65
f. Same with risers united to string, per riser.....	.72

\* See page 385 for basis of labor cost.

- g. Same housed into string, per riser.....\$0.90  
 h. Same mitred riser, blocked and glued; per riser..... 1.10  
 i. Same mitred riser; blocked and glued; nosing returned,  
 per riser ..... 1.20  
 j. Same with scroll brackets, per riser..... 1.40

Winders increase the cost of each class of stairs.

## ITEMS:

Horses.	Platform.	Main stairs.
steps.	posts.	back stairs.
risers.	newel bolts.	attic stairs.
molding.	rail bolts.	cellar stairs.
balusters.	facing boards.	Rise..... Tread.
starting newels.	brackets.	9"..... 5"
angle newels.	winders.	8½..... 6
hand rail.	goose necks.	8..... 7
foot rail.	casements.	7½..... 8
wall rosette.	turns.	7..... 9
rail stays.	nails and screws.	6½..... 10
glue.	front steps.	6..... 11
	glue.	5½..... 12

## 7. ACCESSORY ROOMS.

- LABOR\*: To prepare and place 12-inch shelving, per lineal  
 foot.....\$0.03  
 To prepare and place 3 or 4-inch hook strips and place  
 the hooks, per lineal foot..... .02½  
 To make, complete, a set of 4 drawers, suitable for closets  
 or bath-room..... 2.50  
 To make and place cupboard doors complete, about 2x4,  
 each..... 1.00  
 To case and fit sink with drip board and splasher..... 1.00  
 To case bath tub..... 1.00

## a. Pantry, Closets and Store-Room.

## ITEMS:

Shelving.	Cleats.	Platform shelf.
hook strips.	cupboards.	nails and screws.
drawers.	trimmings.	hinges and latches.
drawer pulls.	china closets.	sink drip board and
hooks.	pastry board.	splasher.
locks.	flour bins.	towel rack.
		iron brackets.

## b. Bath-Room.

## ITEMS:

Tub.	Shelves.	Storage tank.
closet.	slop sink.	safes.
wash bowl.	hooks.	tiles.
wainscoating.	towel racks.	ventilators.

## c. Cellar.

## ITEMS:

Coal bins.	Vegetable room.	Dairy room.
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\* See page 385 for basis of labor cost.



## 8. MISCELLANEOUS.

## ITEMS:

Outbuildings.	Fences.	Drayage.
back steps	temporary doors.	clothes line posts.
bells, batteries.	centers for mason	interest on money
speaking tubes.	work.	advanced.
coal chutes.	temporary insurance.	superintendence.
	cleaning out.	time securing job.

## V. HARDWARE.

NAILS, (wire) to the 1000 feet.	No. in a Pound	Length
1000 feet B. M. framing.....10 pounds 20d.	35	3 $\frac{5}{8}$ "
1000 feet B. M. framing.....14 " 10d.	87	3
1000 feet inch boards.....25 " 10d.	87	3
1000 feet $\frac{1}{2}$ inch siding.....18 " 6d.	850	2
1000 shingles.....3 $\frac{1}{2}$ " 4d.	492	1 $\frac{3}{4}$
1000 feet finishing $\frac{1}{4}$ .....30 " 8d.	196	2 $\frac{1}{2}$
1000 feet finishing 1 $\frac{1}{2}$ .....40 " 10d.	137	3
1000 feet flooring.....35 " 10d.	137	3
1000 lath.....6 $\frac{1}{2}$ " 3d.	720	1 $\frac{1}{2}$
1000 feet sheathing lath.....30 " 10d.	87	3
To case a door.....1 " 8d.	196	2 $\frac{1}{2}$
To case a window..... $\frac{1}{2}$ " 8d.	196	2 $\frac{1}{2}$

For cut nails add  $\frac{1}{8}$ .

## ITEMS:

Brads, screws, and bolts.

## WINDOW TRIMMINGS.

## ITEMS:

Window spring bolts.	Sash locks.	Pulleys.
weights.	sash cord.	sash lifts.
tin caps.	blind hinges.	blind fasteners.
sash balances.	shutter locks and knobs.	storm sash fasteners.

Sash cord is put up in hanks of 100 feet and sold by the pound.

No. 6, for weights up to 10 pounds, runs 66 feet to the pound.

No. 7, for weights up to 15 pounds, runs 55 feet to the pound.

No. 8, for weights up to 25 pounds, runs 44 feet to the pound.

## DOOR TRIMMINGS.

## ITEMS:

Hinges or butts.	Mortise locks and knobs.	Rim locks and knobs.
night locks.	barrel bolts.	strap hinges.
hooks and staples.	flush bolts.	bumpers or stops.
hooks and eyes.	mortise bolts.	transom lifts.
hasp and staples.	cupboard catches.	barn door hangers.
sliding door hangers.	thumb latches.	padlocks.
door pulls.	door buttons.	

## TIN, IRON, AND SLATE WORK.

## ITEMS :

Tin roofing.	Tin conductors.	Galvanized iron cor-
paper.	galvanized iron.	nice.
hanging gutter.	corrugated.	slate roofing.
gutter linings.	spiral.	black.
flashings.	conductor hooks.	purple.
valley lining.	cut-offs.	green.
scuttle covering.	elbows.	flashing pieces.
decks.	chimney thimbles.	gutters.
ventilators.	ventilator pipe col-	ridges and hips.
iron roofs.	lars.	

## MISCELLANEOUS.

## ITEMS :

Wardrobe hooks.	Sand paper.	Tin roofing.
gutter tin.	flashing.	hip and valley tins.
conductors.	elbows.	ventilators.
drawer pulls.	drawer locks.	door springs.
brackets.		

LABOR, see p. 385.

## ITEMS :

Outside work.	Iron work.	Base.
inside work.	casings.	cornice.
tin work.	doors.	floors.
porches.	sash.	wainscoting.
steps.	blinds.	shingles.
shingle stains.	closets.	gutter.
	zinc work.	conductors.
	graining.	hardwood fillers.
	back painting.	

## VII. PLUMBING AND LIGHT FIXTURES.

## ITEMS :

Tapping main.	Bath tubs.	Water-closets.
street washers.	laundry tubs.	wash bowls.
hydrants.	pumps.	shower baths.
sill cocks.	tanks.	soil pipe.
drop light fixtures.	sinks.	traps and vents.
side light fixtures.	range boilers.	safes.
switches.	range hoods.	
cellar lights.	ventilators.	

## U. S. WHITEWASH—for sheds.

The United States government uses the following whitewash on brick, stone, and wood, and it is said to be almost as good as the best paint:

Slack a half bushel of lime with boiling water, keeping it under cover while slacking; strain it and then add a peck of salt dissolved in warm water, three pounds of rice previously boiled to a thin paste, half pound Spanish whiting, a pound of clean glue dissolved in warm water, mix well and let stand for three days. Put on with brush, hot as possible.

## MARK YOUR TOOLS.

Cover the iron or steel surface, on which the name is to be written, with tallow, then write the name with a scratch awl, cutting clean to the surface, then fill in the lines of the letters with nitric acid; let stand ten minutes, then clean. The name will be written on the iron or steel—etched in.



## Labor Basis.

The basis for the cost of each labor unit is the quantity of work the average workman does in a day. This information is obtained from "time tickets" compiled by numerous contractors. It is here condensed for ready use as a guide or basis—which each contractor will vary according to his local conditions.

## EXCAVATING.

**12 CUBIC YARDS**—Two men will shovel and wheel to a distance of about 100 yards 12 cubic yards of common clay or coarse gravel as an average in one day. Cost per cubic yard, at \$1.50 a day for labor.....\$0.25

The cost will vary of course with the soil, the price of labor, and the machinery used.

## MASONRY.

**FOUNDATION WALLS: Stone**—A mason and his tender will, as an average per day, lay one cord (128 cubic feet) of stone in the wall, doing a good job. Cost per cord, with mason's wages \$4.00 and tender's \$1.50..... 5.50

**Brick**—A mason and one and a quarter tenders will as an average day's work lay 1600 to 1800 brick in the wall. Cost per thousand, with wages \$4.00 for masons and \$1.50 for tenders and amounts 1600 and 1800, averaged about..... 3.50

20 to 22 brick make a cubic foot, depending on the size.

**CHIMNEY WORK**—A mason and one tender will lay 600 brick in chimneys as an average day's work. Cost per thousand brick..... 7.50

Where there is no fire-place, one-flue chimneys of small size are often figured at 40 cents a foot and two-flue chimneys at 75 cents a foot for the labor and material.

**PLASTERING**—Wages of masons \$3.00, of helpers \$1.50.

Labor of putting on  $\frac{3}{4}$ " lath, per yard..... .02 $\frac{1}{2}$

To put on 450 yards, 2 coats, is a day's work for 3 masons and a helper. Cost per yard..... .02 $\frac{1}{2}$

To white coat 300 yards is a day's work for 3 masons and 1 helper. Cost per yard..... .03 $\frac{1}{2}$

Total for the labor of plastering, including scaffolding and making the mortar, per yard..... .08 $\frac{1}{2}$

## CARPENTRY.

Wages per day, \$2.50.

Buildings not over two stories above basement, balloon frame.

*A Day's Work.*

**JOISTS, 2x4 to 2x14**—One man will frame and place 700 lineal feet a day. Cost per 1000 lineal feet..... 3.50

STUDDING, 2x4 to 2x6—Two men will frame and place, on the average, 800 lineal feet a day. Cost per 1000 lineal feet.....	\$6.25
RAFTERS, 2x4 to 2x8, on gable roofs—Two men will frame and place, on the average, 600 lineal feet a day. Cost per 1000 lineal feet.....	8.25
On hip roofs, including deck framing, 500 lineal feet is an average day's work for 2 men. Cost per 1000 lineal feet, 10.00	
SHEATHING—Fitting and placing 1000 feet of boards or wide shiplap is an average day's work for 1 man. Cost per 1000 feet.....	2.50
On roofs, per 1000 feet.....	3.00
Vertical boards on barns, 2000 feet is an average day's work for 2 men, including battens. Cost per 1000 feet. 2.50	
Of 1x6 D. & M., 750 feet is a day's work.....	3.55
SIDING: $\frac{1}{2}$ x6—Average day's work for 2 men 800 feet. Cost per 1000 feet.....	6.25
$\frac{1}{2}$ x4—Average day's work for 2 men 500 feet. Cost per 1000 feet.....	10.00
Belt courses, per lineal foot, about.....	0.02
SHINGLES—On ordinary roofs 1 man will carry up and place 2000 as general average per day. A day's work varies from 1500 to 2400. Cost per 1000 shingles.....	1.25
Exposed $4\frac{1}{2}$ inches figure 8 shingles to the square foot.	
CORNICE—Plain, consisting of fascia, planceer, and frieze. An average day's work for 2 men is 70 lineal feet. Cost per lineal foot.....	.07
With plain brackets, crown and bed molding, a day's work for 2 men is 50 lineal feet. Cost per lineal foot.....	.10
Of panel mold, 2 men will prepare and place an average of 300 feet a day, or 400 feet of 12-inch stuff. Cost, respectively, per 100 lineal feet.....	\$1.66 and 1.25
Running quarter rounds, coves, etc., per 100 lineal feet..	.40
Of 2-inch crown, a day's work for 2 men is 800 feet; of 5-inch, 350 feet. Cost per 100 lineal feet, respectively.....	\$0.62 $\frac{1}{2}$ and 1.43
Gutters, 2 to 4 cents a lineal foot.	
BRACKETS—Placing 1-ply, 3 cts.; 3-ply, 4 cts.; if molded, 10 cts.	
The foregoing are basing prices for ordinary work. Many cornices cost much more, but few less.	
FLOORS: 1x6—One man will lay an average of 625 feet a day. Cost per 1000 feet.....	4.00
1x4—One man will lay an average of 500 feet. Cost per 1000 feet.....	5.00
At above rates the floor is well jointed and blind nailed to every joist. With less care 900 to 1000 feet of 1x6 can be laid in a day.	



**BASE**—6 to 12 inches, consisting of but 1 member molded or plain, using base angle block to avoid coping, 1 man will place an average of 250 feet lineal a day. Cost per lineal foot .....\$0.01

If necessary to smooth add per lineal foot..... .01

For coping add 15 cents for each angle, 1 member.

For base of more than 1 member add for each per foot, .01

**WAINSCOTING**—Fitting and placing paneled wainscoting that is in sections ready made, per square.....\$1.75 to 2.00

**SHELVING, 1x12**—One man will prepare and place an average of 80 feet lineal a day. Cost per lineal foot..... .03

**HOOK STRIPS, 1x3 or 4**—One man will place an average of 100 feet lineal and put on the hooks. Cost per lineal foot..... .02½

**CLOSET DRAWERS**—An average set of 4 drawers, not dove-tailed, completed and placed in closet is a day's work, 2.50

### PAIN'T AND VARNISH WORK.

**LABOR:** One man will prime and knot 100 square yards in a day. Cost per square yard..... .02½

In 2d or 3d coat work 75 yards is a day's work. Cost per square yard per coat..... .03½

#### LABOR AND MATERIAL:

As usually figured, outside work, including material, per yard per coat..... .06

As usually figured, inside varnishing (oil finish)..... .12

Outside door and casing estimated at 4 to 5 yards on inside.

Inside door and casing estimated at 8 to 10 yards in the two sides.

Windows on inside estimated from 3 square yards up.

Base estimated at 12 inches wide or over.

Estimate porch and bracket work double.

#### MATERIAL TO THE 100 SQUARE YARDS:

Priming, 20 pounds white lead and 4 gallons linseed oil.

2-coat work, 40 pounds white lead and 8 gallons linseed oil.

3-coat work { 50 pounds white lead and 12 gallons linseed oil.  
½ pint shellac for knotting.  
1 pound putty.  
3 to 4 pounds of color pigment.

Or 3-coat work, 4½ gallons mixed paint.

**TO MEASURE:** Use tape, beginning at top or bottom, bend line into all recesses, making it touch every part of siding or wall that will receive paint; multiply the height so obtained by the length obtained in the same manner; or what is easier, find the surface without depressing line and add ½. The total square feet divided by 18 will give the number of pounds of lead required for three coats; or divided by 200 the gallons of mixed paint required for 3-coat work.

## Another Basis.

To obtain the cost of the labor many estimators use the following schedule:

FRAMING AND PLACING dimension, per 1000 feet B. M.	\$7.00
SHEATHING—Sides, per square (measured on the building in each case)	.30
Roof, per square	.35
Roof, hipped, per square	.45
Roof, very steep, per square	.50
SIDING— $\frac{1}{2}$ x6, per square	.60
$\frac{1}{2}$ x4	.85
Drop, 1x6, per square	.50
SHINGLES—Per square	1.00
FLOORS—1x6, per square	\$0.25 to .50
1x4, per square	\$0.80 to .60
CEILING—Outside, per square	.75
Overhead, per square	.85
WAINSCOTING, per square	\$1.75 to 2.25
OPENINGS—To put up jambs, hang, and case a door, 2 sides	1.50
To hang and trim a door	\$0.50 to .75
To hang, fit, and trim sash	\$0.50 to .75
To case window, fit stool and apron	1.00
To hang outside blinds, per pair	.75
To hang inside blinds, per pair	\$0.75 to 1.00
CORNICE—Plain, of 3 members, per lineal foot	.08
PAINTING—1 coat shellac or varnish, material included, per square	.50
1 coat lead and oil, material included, per square	.75
2 coats, lead and oil, material included, per square	1.50
3 coats, lead and oil, material included, per square	2.50
Sanding, 1 coat, material included, per square	.75
Graining, material included, per square	2.50
Calsomining, material included, per square	\$0.60 to .75

## How to Make Blue Prints.

The paper, which may be bought ready for use, should be stored in a dry place and be entirely shielded from the sunlight until used.

1. Provide a smooth board as large as the tracing to be copied.

2. Lay on this two or three thicknesses of common blanket to give a slightly yielding backing for the paper.

3. Lay on the blanket the prepared paper with the sensitive side up.

4. Lay on the paper the tracing, smoothing it out as perfectly as possible to insure perfect contact with the paper.

5. Lay on the tracing a piece of clear plate glass, which should be heavy enough to press the tracing close down upon the paper.

6. Expose the whole to a clear sunlight from six to ten minutes. If a clear sky can be had, the exposure must be continued from thirty to forty-five minutes, and under a cloudy sky sixty to ninety minutes.

7. Remove the prepared paper and drench it in clear water, and hang it up by one corner to dry.

The paper is of a full yellow or bronze color. After the exposure to the light the surface becomes a darker bronze and the lines of the tracing appear still darker on the surface. Upon washing the paper the characteristic blue tints appear with the white lines of the tracing in vivid contrast.



## STRENGTH OF JOISTS.

The table herewith has been carefully calculated by this formula:

$$\text{Safe load} = \frac{2 \times \text{thickness} \times \text{square of width} \times A}{\text{Span in feet}}$$

in which the value of A is 1-18 of the fiber strain or modulus of rupture for safe loads. It is the formula used in modern construction by F. E. Kidder and other noted civil engineers.

### ITS USE.

What size joists are required in a hay bay 20 feet wide, 40 feet long and 12 feet high, the joists being supported at the ends only? The cubic contents = 20 x 40 x 12 or 9600 cubic feet. At 512 cubic feet to the ton this bay will hold 18 $\frac{3}{4}$  tons or 37500 pounds. Supposing the joists to be set 24" on centers there would be 21 joists and each would have to carry 1-21 of 37500 pounds or 1785 $\frac{5}{7}$  pounds. Referring to the table the safe load for 1 x 10 20 is 1000 pounds. This multiplied by 1 $\frac{3}{4}$ , the exact thickness of the joists = 1750 pounds, whereas provision must be made for 1785 pounds; therefore 3 x 10's must be used or the 2 x 10's must be set closer than 2 feet on centers.

### ECONOMY.

It also indicates the economical sizes to give best results. For example, the safe load for a 4 x 4 16 is 800 pounds (4 x 200) while the safe load for a 2 x 6 is 900 pounds (2 x 450), showing that while the 2 x 6 contains much less material, yet when used on edge it is  $\frac{1}{2}$  stronger than the 4 x 4.

### Safe Quiescent Loads Uniformly Distributed for Long Leaf Yellow Pine

set on edge and supported at both ends. Multiply weight given by exact thickness of joists used.

SIZE					Span in ft	SIZE				
1x4	1x6	1x7	1x8	1x9		1x10	1x12	1x14	1x15	1x16
SAFE LOAD POUNDS						SAFE LOAD POUNDS				
533	1200	1633	2133	2700	6	3333	4800	6533	7500	8533
400	900	1225	1600	2025	8	2500	3600	4900	5633	6400
320	720	980	1280	1620	10	2000	2880	3920	4500	5120
267	600	816	1066	1350	12	1666	2400	3266	3750	4266
228	514	700	914	1157	14	1428	2056	2800	3214	3656
213	480	653	853	1080	15	1333	1920	2613	3000	3412
200	450	612	800	1012	16	1250	1800	2450	2816	3200
188	423	576	753	953	17	1176	1694	2306	2653	3012
178	400	544	711	900	18	1111	1600	2177	2500	2844
160	360	490	640	810	20	1000	1440	1969	2250	2560
145	327	445	582	726	22	909	1309	1782	2045	2327
139	313	426	556	704	23	869	1252	1704	1956	2226
133	300	408	533	675	24	833	1200	1633	1875	2133
128	288	392	512	648	25	800	1152	1568	1800	2048
123	277	377	492	623	26	769	1107	1507	1730	1969
119	267	363	474	600	27	740	1066	1451	1666	1896
114	257	350	457	578	28	714	1028	1400	1607	1828
107	240	326	426	540	30	667	960	1306	1500	1706
100	225	306	400	506	32	625	900	1225	1406	1600
			376	476	34	588	847	1153	1323	1506
			355	450	36	555	800	1088	1250	1422
			337	426	38	526	757	1031	1184	1347
			320	405	40	500	720	980	1125	1280

⚠ The safe loads above estimated are for *clear* pieces and *full* sizes. On account of scant sizes and more or less defective stock, an allowance of 20 per cent must be made. For example, the safe load for a 1 x 8-8 is 1600 pounds, and for a 2 x 8-8 two times this or 2200 pounds. But or reasons stated 20 per cent must be deducted, reducing the safe load of a 2 x 8-8 to 2560 pounds.

The safe load for fir is 90 per cent of above long leaf yellow pine; for white oak 75 per cent; for short leaf yellow pine and Norway pine 70 per cent; hemlock 65 per cent; white pine 60 per cent; spruce 70 per cent; cast iron 222 per cent; wrought iron 666 per cent, and medium steel 888 per cent.

- I. When the load is concentrated midway between the supports, take only half of above loads.
- II. For beams fixed at one end the other unsupported and the load uniformly distributed take one-fourth of above loads; if the load is concentrated on the unsupported end, then take only one-eighth of above.
- III. In the above, the safe load includes the weight of the joists, which must be deducted to get the net or superimposed safe load.
- IV. Joists longer than 12 times their width used without intermediate supports are apt to crack plastered ceilings.

# STANDARD LABOR-SAVING ABBREVIATIONS PECULIAR TO THE LUMBER TRADE.

**A**  
*A.* Ash.  
*A. D.* Air dried.  
*A. L.* All lengths.  
*Ap.* Apron—s.  
*Ast.* Astragal—s.  
*At.* Attic.  
*A. W.* All widths.

**B**  
*Brd.* Board—s.  
*B. M.* Board measure.  
*Bd. M.* Bed moulding.  
*B. & C. B.* Bead-ed & center bead-ed.  
*Bat.* Batten—s.  
*Bev.* Bevel—ed.  
*B. 1 S.* Bead—ed one side.  
*B. 2 S.* Bead—ed two sides.  
*Br.* Birch.  
*Bs. W.* Basswood.  
*B. W.* Black walnut.  
*But. N.* Butternut.  
*Bs.* Base.  
*Bs. B.* Base board.  
*Bs. Bl.* Base block—s.  
*Bnd. M.* Band moulding.  
*Brk.* Bracket—s.  
*Bld.* Blind—s.  
*Bld. S.* Blind stop—s.  
*Bnd.* Band—ed.  
*Bnd. 1 S.* Band—ed one side.  
*Bnd. 2 S.* Band—ed two sides.  
*Bk. B.* Back band.  
*Bal.* Baluster—s.  
*Bs. M.* Base moulding.  
*B. S.* Bottom sash.  
*B. L.* Bottom light—s.  
*B. R.* Bottom rail.  
*Bl.* Butted.  
*Bx. S.* Box sill.  
*B. P.* Bevel plate.

**C**  
*Carp. S.* Carpet strip—s.  
*Cas.* Casing.  
*Cath.* Cathedral.  
*Ceil.* Ceiling.  
*Cem.* Cement.  
*Cher.* Cherry.  
*Cir. E.* Circle end.  
*Cir. H.* Circle head.  
*Cir. S.* Circle sash.  
*Cir. T.* Circle top.  
*Cir.* Circle.  
*Circum.* Circumference.  
*C. J.* Ceiling joists.  
*Ch. R.* Check rail.  
*Ch. S.* Check stops.  
*Cl.* Clear.  
*Col.* Column—s.  
*Com.* Common.  
*Op. m.* Cap mould—ed.  
*Cr. P.* Cross panel—s.  
*Cyp.* Cypress.  
*C. B.* Corner board—s.  
*C. Bd.* Corner bead—s.  
*C. Bl.* Corner blocks.  
*C. M.* Crown mould—ed.  
*C. Opg.* Cased opening.  
*C. S.* Cellar sash.  
*C. 1 S.* Case one side.  
*C. 2 S.* Case two sides.  
*C. W.* Cotton wood.

**D**  
*D.* Door—s.  
*D. B.* Double bead—ed.  
*D. C.* Door casing.  
*D. & E.* Dressed and edged.  
*D. & H.* Dressed and headed.  
*D. & M.* Dress—ed and match—ed.  
*D. M. & B.* Dress—ed, match—ed, and bead—ed.  
*D. & M. G. Efg.* Dressed and matched grooved roofing.  
*D. & P.* Dressed and pointed.  
*De.* Design—s.  
*De. No.* Design No.  
*Det.* Detail—s.  
*Dfg.* Deafening.

*Dim. Shg.* Dimension shingles.  
*Del.* Delivered.  
*Div.* Divided.  
*D. Sid.* Drop siding.  
*D. Fr.* Door frame.  
*D. J.* Door jamb.  
*Drip. C.* Drip cap.  
*D. S.* Double strength.  
*D. T.* Double thick.  
*D. Tr.* Door trim.

**E**  
*E/B.* Expense bill or freight receipt.  
*E. G.* Edge grain.  
*E. M.* End matched.  
*E. M., B., B. & B.* End matched, butted, bored, and bundled.  
*Ec.* Extra, or additional.

**F**  
*F. B.* Full back.  
*F. Dp. Sid.* Fence drop siding.  
*F. or Feg.* Fencing.  
*F. Floor.* Fence flooring.  
*Fin.* Finish—ed.  
*F. M.* Flush mould—ed.  
*F. O. B.* Free on board.  
*Fr.* Frame—s.  
*Frl.* Freight.  
*Fl. or '.* Feet.  
*Fur.* Furring.

**G**  
*Gl.* Glaze—d.  
*G. R.* Grooved roofing.  
*Goth.* Gothic.  
*Grds.* Grounds.  
*Gtr.* Gutter.  
*Gtr. B.* Gutter bracket—s.  
*Gtr. E.* Gutter end—s.  
*Gtr. S.* Gutter strip—s.  
*G. S.* Gable studding.

**H**  
*H.* Hemlock.  
*H. B.* Handling bill.  
*H. Bk.* Hollow back.  
*Hic.* Hickory.  
*Hd. Bl.* Head block—s.  
*Hd. C.* Head casing.  
*H. Cp.* Hip cap.  
*H. P.* Hard pine.  
*H. R.* Hip rafter.  
*H. S.* Hand smoothed.

**I**  
*I.* Inside.  
*I. B.* Inside blind—s.  
*I. Cas.* Inside casing.  
*I. D.* Inside door.  
*I. F.* Inside finish.  
*I. Fr.* Inside frame—s.  
*I. J.* Inside jamb—s.  
*I. S.* Inside studding.  
*I. T.* Interior trim.  
*In. or "* Inches.

**J**  
*J.* Jamb—s.  
*Jo.* Joist—s.  
*J. R.* Jack rafter.  
*Jt.* Joint—ed.

**K**  
*K. D.* In the knock down.  
*Kld.* Kiln dried.

**L**  
*L.* Light—s.  
*L. L.* Lower light.  
*L. B.* Lumber bill.  
*L. J.* Lower joists.  
*L. M.* Lineal measure.  
*L. R.* Lock rail.  
*L. S.* Lower sash.  
*L. Pl.* Lock plate.  
*L. P.* List price.  
*Lind. W.* Linden wood.

**M**  
*M.* Thousand—s.  
*Mbr.* Member.  
*M. B.* Mill bill.



# ABBREVIATIONS Continued.

*M. C.* Mill cull.  
*M. Cp.* Moulded cap.  
*M. L.* Marginal lights.  
*Mld.* Moulding.  
*M. R.* Mill run.  
*M. Snd.* Machine sand--ed.  
*M. Sm.* Machine smoothed.  
*Mt. R.* Meeting rail.  
*Mul.* Mullion--s.  
*Mul. C.* Mullion casing.  
*Mul. Fr.* Mullion frame.

## N

*Nl.* Newel.  
*No. or #.* Number.  
*Nor.* Norway  
*N. P.* Northern pine.

## O

*O.* Oak.  
*O. A.* Over all.  
*O. B.* Outside blind--s.  
*O. C.* On centers.  
*O. Cas.* Outside casing--s.  
*Octg.* Octagon.  
*O. F.* Oil finish--ed.  
*O. Fr.* Outside frame--s.  
*O. G.* Ogee.  
*O. G. S.* Ogee stops.  
*O. M.* Outside measure.  
*Opg.* Opening--s.  
*Orn.* Ornament.

## P

*P.* Pine.  
*Pan.* Panels.  
*Pant.* Pantry.  
*Pc.* Piece--s.  
*Pict. M.* Picture mould.  
*Plas.* Plastering.  
*Pl.* Plate--s.  
*P. Bl.* Plinth block.  
*P. D. Q.* Please deliver quick.  
*Pl. O.* Plain oak.  
*Pl. R.* Plain rail.  
*Pl. R. O.* Plain red oak.  
*Pl. W. O.* Plain white oak.  
*P. O. F.* Prepare--d for oil finish.  
*Pop.* Poplar.  
*P. & B.* Plowed and bored.  
*P. & P.* Pulleys and pockets.  
*P. P.* Plaster Paris.  
*P. P. G.* Polished plate glass.  
*P. P. H.* Prepared plastering hair.  
*Fr.* Pair.  
*P. S.* Parting stops.

## Q

*Q. A.* Queen Anne.  
*Q. Rd.* Quarter round.  
*Q. R. O.* Quarter sawed red oak.  
*Qr. Sd.* Quarter sawed.  
*Q. W. O.* Quarter sawed white oak.  
 $\frac{1}{4}$  (in a circle). Quarter round.  
 $\frac{1}{4}$  Sd. Quarter sawed.

## R

*R.* Rafter.  
*R. C.* Red cedar.  
*R. C. S.* Red cedar shingles.  
*R. C. Sld.* Red cedar siding.  
*Rab.* Rabbed.  
*Rad.* Radius.  
*Rd.* Round.  
*Rev.* Revolution--s.  
*Rf.* Roof or roofing.  
*Rf. Sh.* Roof sheathing.  
*R. Frl.* Rate of freight.  
*Rgh.* Rough.  
*Ri.* Riser--s.  
*Rl. S.* Rolling slats.  
*R. M.* Raised moulding.  
*R. O.* Red oak.  
*R. S.* Rift sawed.  
*R. W.* Redwood.

## S

*S.* Sash  
*S. Bld.*  
*S. Surface* } Depending on connec-  
tion used.

*Sec.* Second.  
*Seg.* Segment.  
*Sel.* Select.  
*S. G.* Slash grain.  
*Sh.* Sheathing.  
*Shp.* Shiplap.  
*Shg.* Shingle--s.  
*Sld.* Siding.  
*Sld.* Sliding.  
*So. P.* Southern pine.  
*Sp.* Spruce.  
*Sq.* Square.  
*St.* String.  
*Sta. S.* Stationary slats.  
*Stk.* Stock.  
*Stk. L.* Stock lengths.  
*Stk. W.* Stock widths.  
*Stp.* Stops.  
*Stpg.* Stepping.  
*Stud.* Studding.  
*S. 1 S.* Surface--d one side.  
*S. 2 S.* Surface--d two sides.  
*S. 4 S.* Surface--d four sides.  
*S. 1 S. 1 E.* Surface--d 1 side & 1 edge.  
*S. 2 E.* Surface--d two edges, etc.  
*S. D. & B.* Sash, doors, and blinds.  
*S. H. Fr.* Slip head frame.  
*S. P.* Soft pine.  
*S. S.* Single strength.  
*S. T.* Single thick.  
*St.* Stairs.  
*St. T. & R.* Stair tread and riser.

## T

*T.* Trim.  
*T. & G.* Tongued and grooved.  
*T. G. & B.* Tongued, grooved, & bored.  
*Tp. L.* Top light--s.  
*Tp. S.* Top sash.  
*Tr.* Tread.  
*Trans.* Transom.  
*Trans. B.* Transom bar.  
*T. 1 S.* Trim one side.  
*T. 2 S.* Trim two sides.  
*T. 1 S. O. 1 S. Br.* Trim one side oak and one side birch, etc.

## U

*U. B.* Universal book.  
*U. J.* Upper joist--s.  
*U. L.* Upper light--s.  
*U. S.* Upper sash.

## V

*V.* Veneer.  
*V. 1 S.* Veneered one side.  
*V. 2 S.* Veneered two sides.  
*V. 1 S. Q. O. 1 S. Cher.* Veneered one side quartered oak & one side cherry, etc.  
*V. D.* Very dry.  
*Vent.* Ventilator.  
*V. G.* Vertical grain.  
*V. R.* Valley rafter.  
*Vest.* Vestibule.

## W

*Wain.* Wainscoting.  
*Wain. C.* Wainscoting cap.  
*Wd.* Window--s.  
*Wd. C.* Window cap.  
*Wd. Cas.* Window casing.  
*Wd. Fr.* Window frame--s.  
*Wd. J.* Window jamb--s.  
*Wd. L.* Window light--s.  
*Wd. S.* Window stops.  
*Wd. St.* Window stool.  
*Wd. T.* Window trim.  
*Wes. P.* Western pine.  
*Wt.* Weight.  
*W. C.* Water closet.  
*W. Ced.* White cedar.  
*W. O.* White oak.  
*W. P.* White pine.  
*W. W.* White wood.

## Y

*Y. P.* Yellow pine.  
*Y. P. L. L.* Yellow pine, long leaf.  
*Y. P. S. L.* Yellow pine, short leaf.

